



BHARATI VIDYAPEETH
(DEEMED TO BE UNIVERSITY)
COLLEGE OF ENGINEERING, PUNE (INDIA)



GENRE'19
EDITION 3.0

MERAKI

ESSENCE OF YOURSELF





Government of India
Ministry of Human Resource Development



India Rankings 2018

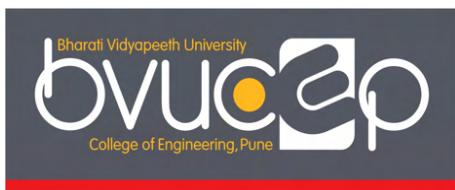
(National Institutional Ranking Framework)

Bharati Vidyapeeth Deemed University College of Engineering, Pune

ranked ----- 83 ----- in ----- Engineering ----- Category

CHAIRMAN, NBA

MEMBER SECRETARY, NBA



BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY) COLLEGE OF ENGINEERING, PUNE (INDIA)





Dr. Patangrao Kadam

March 9, 2018 saw the demise of one of greatest educationists who paved the way to transform modern India and spread the roots of its knowledge deep into the underprivileged sections of the society. That is why, the uproar felt at the news of Dr. Patangrao Kadam's sudden ailment and demise surpassed the entire political spectrum and condolences started pouring in from various different sections and classes of the society. Which just goes to show, what can be achieved with an honest and pure vision about the nation and what one man, even with an adverse background can provide the nation with, and uplift millions of lives.

Dr. Patangrao Kadam: a man with a vision

Dr. Patangrao Kadam was really a true legend for the youngsters of the country. He has inspired the new generation of the country through his whole life, career, and workings. A true educationist from the heart, a sugar baron who supported farmers, and a staunch Congress loyalist, he was everything that is expected from an ideal person. Hailing from a middle-class family in a small village Sonsal, Sangli district he was not exposed to even basic education due to which he had to travel 4-5 km everyday to attend a primary school in a nearby village. Later he passed SSC examination, and not to forget to mention, was the first one from his village to do so. After SSC he joined Shivaji college at Satara under its 'earn and learn scheme'. The college was established by the renowned social reformer, Karamvir Bhauraao Patil. He later took lessons of dedicated social service under his guidance.

In 1961, he came to Pune where he completed his one-year diploma in teaching and in 1962, started working as a part-time teacher in a secondary school run by Rayat Shiksha Sanstha. He obtained a bachelors degree in law and masters degree from the University of Pune. Dr. Patangrao Kadam completed his research on the theme, "Administrative problems of educational administration in 80's" for which he was awarded a Ph.D. in management by the University of Pune.

In 1964, he established Bharati Vidyapeeth at the age of 19 – and one can already assume what great educational reformations were going to happen under him. From the very start he had this vision to develop Bharati Vidyapeeth as a distinct educational institution. His vision is reflected in the constitution, which was submitted to the Charity Commissioner at the time of registration of Bharati Vidyapeeth as a trust, wherein he had included "to establish our own university", as one of the objectives of Bharati Vidyapeeth.

He visualized this possibility at a time when the concept of a "Deemed University" was yet to emerge and to be accepted. He was truly a man with a vision. His dream came true when the Govt. of India, on the recommendation of the University Grants Commission, accorded the "Deemed to be University" status to the 12 constituent units of Bharati Vidyapeeth Deemed University. Thus, a boy from a village having no propitious educational background became the Founder - Chancellor of a university.

Like education, co-operative sector is another area he had his hands on-only for good. It is with his initiative that several cooperative units, like Bharati cooperative bank(18 branches), Sonhira cooperative sugar factory, Sagreshwar cooperative spinning mill, Sonhira cooperative Kukkut Palan Sangh, to name a few were established.

He was a philanthropist of repute. He established charitable trusts through which assistance of all kinds is given to needy people, particularly to the students of disadvantaged groups.

His lifetime achievements can never be explained in words. March 9, 2018, was definitely the darkest day Bharati Vidyapeeth and the Congress party might have seen. The loss of our beloved founder will never be forgotten. Under his vision, Bharati Vidyapeeth has made its name all over the country and is counted as one of the largest universities in India.

SOCIAL TRANSFORMATION THROUGH DYNAMIC EDUCATION



GARUDA

Vehicle of Vishnu, who is the God of Action; this symbolizes Energy, Enthusiasm and Courage.



THREE CIRCLES

Speed, Prosperity & Dynamism these symbolize giant leaps that the country is taking in all the fields.



OPEN BOOK

The unending source of knowledge, the quest for which has always been the impetus of progress.

FROM THE DESK OF OUR CHANCELLOR

Chancellor,
Prof. Dr. Shivajirao Kadam



I am very happy to know that our college of engineering at Pune is bringing out its annual college magazine, 'GENRE 2k19'. The college has sustained the tradition of publishing its annual number without any interruptions over several years. I remember that every issue contains articles with rich content. I congratulate the principal and his colleagues for the same.

I also greatly appreciate the theme which has been identified for this year's magazine, viz., Meraki: Essence of Yourself. Meraki is not only a concept among Japanese, but it is also a way of life for them.

God have bestowed on human beings the gift of immense creative potential. It is expected that they should use these potentials for creation of newer and newer things, which would enrich human life. But the act of creativity must not be mechanical in nature. One who is involved such a creativity must put his soul in it. I am sure readers of this magazine will grasp the essence of this theme and put the same in practice.

My best wishes to the Principal, his colleagues and students on the occasion publication of the college magazine.

SOCIAL TRANSFORMATION THROUGH DYNAMIC EDUCATION



FROM THE DESK OF OUR PRO CHANCELLOR

Pro Vice Chancellor,
Dr. Vishwajit Kadam



It is a matter of great happiness that 'Genre', the annual college magazine of College of Engineering, Pune, a constituent unit of Bharati Vidyapeeth (Deemed to be University), Pune has successfully ushered into its 30th edition in 'Genre 2k19'. This year, the magazine revolves around the theme, 'Meraki: Essence of Yourself'

This year's theme truly encapsulates the approach with which the students and the faculty of this college conduct themselves. It translates in doing something with the utmost heart and ingenuity. The college ensures that the students do not limit their knowledge to theory, but also enhance their employability by increasing their skill level and practical knowledge. The student's development in the co-curricular and extracurricular activities is also a source of great joy to me.

This year marks the first death anniversary of our beloved Founder, Hon'ble Dr. Patangrao Kadam Saheb. It is with great respect for him that I say that the college has furthered its efforts in pursuing his dream of achieving technical proficiency along with the moral development of an individual.

I congratulate the editorial board for its continuous efforts which have resulted into yet another successful edition of Genre, the magazine is a testament to your perseverance.

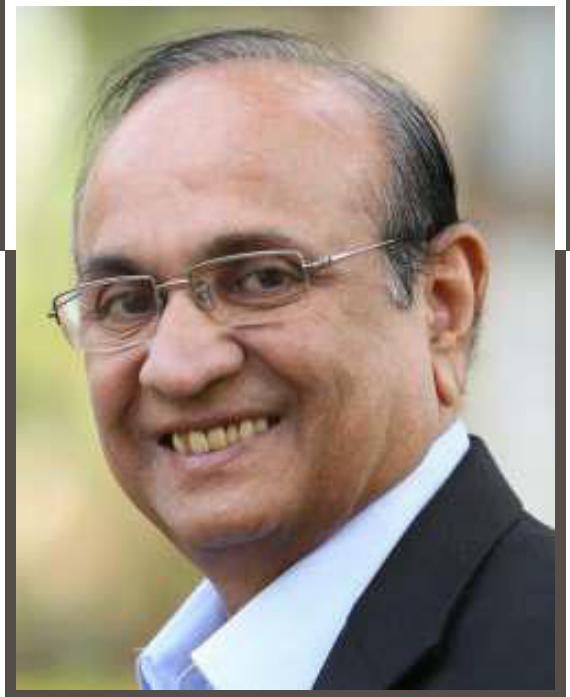
My best wishes to the entire Genre 2k19 team.

SOCIAL TRANSFORMATION THROUGH DYNAMIC EDUCATION



FROM THE DESK OF OUR VICE CHANCELLOR

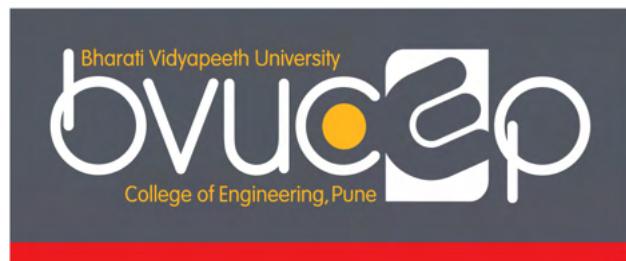
Vice Chancellor,
Prof. Dr. Manikrao Salunkhe



It is a matter of great pleasure that College of Engineering, Pune, a constituent unit of Bharati Vidyapeeth (Deemed to be University), Pune is going to publicize the “Genre 2k19” the official annual magazine for its students. This year the theme for this annual magazine is “Meraki: Essence of Yourself”. I am impressed with the performance and achievements of the College of Engineering, Pune. Since its inception, the college has made a remarkable contribution in fulfilling the vision of our beloved Founder - Chancellor, Hon’ble Dr. Patangraoji Kadam Saheb, ‘Social Transformation through Dynamic Education’. I am happy to mention that this college has proven track record for providing the best engineering brains and talents by way of organizing and conducting various curricular, co-curricular and extra-curricular activities for its students. This year, being the 30th edition of ‘Genre 2k19’, a theme of this annual magazine is ‘Meraki: Essence of yourself’. Meraki, a Greek word frequently used to describe doing something with soul, creativity or love. This is one of the best platforms for engineering students to showcase their talents by way of creative thinking. To become a Best Engineer, each one of you should think outside the box and act properly because Engineers are better known for their actions rather than words.

I am sure that ‘Genre 2k19’ which College of Engineering, Pune is going to publish its annual magazine will be a permanent record for other engineering students for reference. I wholeheartedly congratulate the faculty, students and editorial board of the magazine for their efforts in bringing out the yearly magazine ‘Genre 2k19’. My best wishes to all of you

SOCIAL TRANSFORMATION THROUGH DYNAMIC EDUCATION



FROM THE DESK OF OUR PRINCIPAL

Principal
Prof. Dr. Anand Bhalerao
(M.E., Ph.D.)



'Productivity is never an accident, it is always the result of a commitment to excellence, intelligent planning, and focused effort.'

Keeping this in mind each year the college celebrates the ingenuity, achievements and the brilliance of the students through its annual techno-cultural festival 'Bharatiyam'. Keeping the interest of the students in mind there are various events held in the fest each year. As a whole, it strives to bring out the best in students by not restraining them to just academics but actually enhancing skills like leadership, teamwork and creativity by holding technical as well as various cultural events and programs, thus making them stand out from the crowd. The fact that what was once a nascent idea is now one of India's most awaited college fests is a great source of happiness to me.

Similarly, our annual college magazine "Genre", captures the essence of the whole institution in the form of inputs from our students and teachers. Each of its edition revolves around a theme making it different and interesting every year. The magazine is a perfect manifestation of the achievements of our students. This year's theme 'Meraki-the essence of life', portrays the way we work together and put our soul in helping this college reach new heights. Each year the editorial board works with zeal and fervour and finds a way to encapsulate the thoughts of all of its members. The fest and the college magazine have always complemented each other since their inception.

I would like to thank all the faculty members who have always worked hard and guided the students to bring out the best in them. My sincere gratitude to our students, the building blocks of this college who have worked relentlessly to make the fest a huge success. With the conjoined efforts of the students and the faculty, I am sure that Bharatiyam 2019 will take our institution to new heights.

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620-22 ; Telefax: +91 11 4308 4903
Website: www.nbaind.org



File No. 28-18-2010-NBA

Date: 27-02-2018

To

The Principal
Bharati Vidyapeeth Deemed University College of Engineering,
Pune-Satara Road,
Pune-411043, Maharashtra.

Subject: Accreditation status of programs applied by Bharati Vidyapeeth Deemed University College of Engineering Pune-Satara Road, Pune-411043, Maharashtra.

Sir,

This has reference to your application Id. No. 1577-30/09/2015 and 1786-27/02/2016 in Tier-I format seeking accreditation by National Board of Accreditation to UG Engineering programs offered by Bharati Vidyapeeth Deemed University College of Engineering Pune-Satara Road, Pune-411043, Maharashtra.

2. An Expert Team conducted on-site evaluation of the programs during 15th to 17th December, 2017. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority has approved the following accreditation status to the programs as given in the table below:

S. No.	Name of the Program (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Computer Engineering	Tier-I January, 2013 Document	Provisionally Accredited	Academic Years 2017-18 to 2019-20 i.e. upto 30-06-2020	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier.
2.	Electronics Engineering		Provisionally Accredited		
3.	Electrical Engineering		Provisionally Accredited		
4.	Chemical Engineering		Provisionally Accredited		
5.	Civil Engineering		Provisionally Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted provisional accreditation. Bharati Vidyapeeth Deemed University College of Engineering Pune-Satara Road, Pune-411043, Maharashtra should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible to be considered by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a revisit, as deemed appropriate by NBA Committees.

Contd..2/-

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to Bharati Vidyapeeth Deemed University College of Engineering Pune-Satara Road, Pune-411043, Maharashtra as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is programme accreditation and not institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the date from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

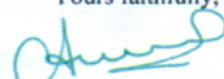
6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. Copy of the Report of Chairman of the Visiting Team and a copy each of Evaluators' reports in respect of the above programs are also enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team.
2. Copy each of Expert Reports of the Visiting Team.

Copy to:

1. The Director of Technical Education,
3, Mahapalika Marg,
Opp. Metro Cinema,
Chhatrapati Shivaji Terminus Area,
Mumbai, Maharashtra 400001
2. Accreditation File
3. Master Accreditation File of the State

Annexure



७२८ मार्च - अप्रैल २०१३
०८.०८.२०१३, वेस्ट बंगलोर सेक्टर ५९/६८, ४०० ०३७
Government of India
Patent Office, Bhasikar Sampada Bhawan
S.M. Road, Near Post office,
Antop Hill, Mumbai – ४०० ०३७, India

Phone Tel : ०२२-२४१३७७०१
०२२-२४१४१०२६
०२२-२४१५०३८१
०२२-२४१४८१६५

Phone Fax : ०२२-२४१३०३८७

Email: mumbai-patent@nic.in

Website: www.ipindia.nic.in

THE PATENTS ACT, 1970

IT IS HEREBY CERTIFIED THAT, the annex, is a true copy of Page No. 16430 of the Patent Office Journal dated 28/06/2013 as published in respect of Patent Application No. 3520/MUM/2011.

This Certificate is issued under the powers vested in me under Section 147 (1) of the Patents Act, 1970.

Dated this 25th day of July 2013

(KISHOR R. KOLHE)
EXAMINER OF PATENTS AND DESIGNS
OFFICER INCHARGE-RMED

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 14/12/2011

(21) Application No. 3520/MUM/2011 A

(43) Publication Date: 28/06/2013

(54) Title of the invention: A MICROCONTROLLER BASED PRECISION AGRICULTURE SYSTEM AND A METHOD THEREOF

(51) International classification

G06F

(71) Name of Applicant :

BHARATI VIDYAPEETH (DEEMED UNIVERSITY)
Address of Applicant: DEPARTMENT OF ELECTRONICS
ENGINEERING, S. NO. 2627, PUNE-SATARA ROAD,
PUNE- 411013, MAHARASHTRA, INDIA.

(72) Name of Inventor :

KULKAARNI SWATI

(31) Priority Document No:

NA

(32) Priority Date

NA

(33) Name of priority country:

NA

(36) International Application No:

NA

Filing Date

NA

(37) International Publication No:

NA

(38) Patent of Addition to Application Number:

NA

Filing Date

NA

(39) Divisional to Application Number:

NA

Filing Date

NA

(52) Abstract

A microcontroller based precision agriculture system for a greenhouse, said system including a transmitter circuit further including a microcontroller, an RS232 driver circuit coupled to said microcontroller, a global system for mobile (GSM) unit coupled to RS232 driver circuit, an array of sensors coupled to a signal conditioning circuit further coupled to microcontroller, a key board coupled to microcontroller; and a liquid crystal display (LCD) coupled to microcontroller, and a receiver circuit further including a microcontroller; a universal synchronous serial (USS) driver coupled to microcontroller; a computing unit coupled to USB driver; an actuator coupled to microcontroller; and an RS232 driver circuit coupled between a global system for mobile (GSM) unit and microcontroller; transmitter circuit and receiver circuit adequately coupled through microcontroller to exchange precision parameters pertaining to an entire growth cycle of a sensitive crop. Other embodiments are also disclosed.

No. of Pages : 45 No. of Claims : 15



भारत सरकार
पेटेंट कार्यालय - बौद्धिक सम्पदा भवन
पाटी.एम. रोड, जनरल अंडरेंस इल. मालवा, अंटोप हिल, मुंबई - 400 037
Government of India
Patent Office, Boudhik Sampada Bhawan
S.M. Road, Near Post office,
Antop Hill, Mumbai – 400 037, India

Tel ■ 022-24137701
022-24141026
022-24150381
022-24148165

Fax □ 022-24130387

Email: mumbai-patent@nic.in

Website: www.ipindia.nic.in

THE PATENTS ACT, 1970

IT IS HEREBY CERTIFIED THAT, the annexed is a true copy of Page No.5186 of Issue No.08/2014 of Official Journal of the Patent Office published on 21/02/2014.

This Certificate is issued under the powers vested in me under Section 147 (1) of the Patents Act, 1970

Dated this 19th day of June 2014

Jawed
(MD. JAWED IQBAL)
EXAMINER OF PATENTS & DESIGNS
OFFICER IN CHARGE, RMID

(12) PATENT APPLICATION PUBLICATION
(19) INDIA

(21) Application No.1761/MUM/2012 A

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 21/02/2014

(54) Title of the invention : METHOD FOR DETERMINING OPTIMUM JOINERY FOR TWO OR MORE ELEMENTS

(51) International classification	-B27M1/08	(71) Name of Applicant :
(31) Priority Document No.	:NA	1)BHARATI VIDYAPEETH DEEMED UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MECHANICAL
(33) Name of priority country	:NA	ENGINEERING, PUNE-SATARA ROAD, PUNE-411043,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)KADAM SATISH S.
(61) Patent of Addition to Application Number	:NA	2)DIXIT PRACHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for determining strength of a hybrid joint is disclosed in accordance with an embodiment of the present disclosure. The method includes the steps conducting at least one of a quasi-static test, a fatigue test, a creep test and a finite element analysis on a hybrid joint and analyzing results obtained from above-mentioned step for determining suitability of said hybrid joint for a particular application.

No. of Pages : 13 No. of Claims : 6



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Bharati Vidyapeeth University

(Deemed to be University u/s 3 of the UGC Act, 1956)

Sadashiv Peth, Pune, Maharashtra as

Accredited

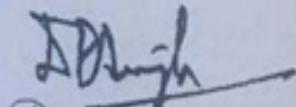
with CGPA of 3.53 on seven point scale

at A⁺ grade

valid up to March 27, 2024

Date : March 28, 2017




Director

TRAINING & PLACEMENT



“ The Placement Cell plays a crucial role in locating job opportunities students passing out from the college and I'm glad to be associated with the T&P Cell of one of the best colleges in Pune, BV(DU)COE. The cell organizes various career guidance programmes which helps the students immensely when it comes to applying for a position of employment.”

Nachiket Kulkarni
Head of TPO.



EDITOR IN CHIEF

ANKUR KUMAR

III Year
B. Tech
Electronics Department



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he 30th edition of Genre is dedicated to 'MERAKI: ESSENCE OF YOURSELF'. This is a greek word which explains the idea of doing something with soul, creativity and love. A task as simple as a daughter preparing a card for her mother is Meraki.

We crafted a team of extremely talented and hardworking editors and designers. After brainstorming for days, I was stumped to see the enthusiasm in each member of the editorial board. The whole team worked round the clock to make this magazine as exceptional as it is. The four steps of editing and the three steps of proofreading has definitely enhanced the quality of the magazine.

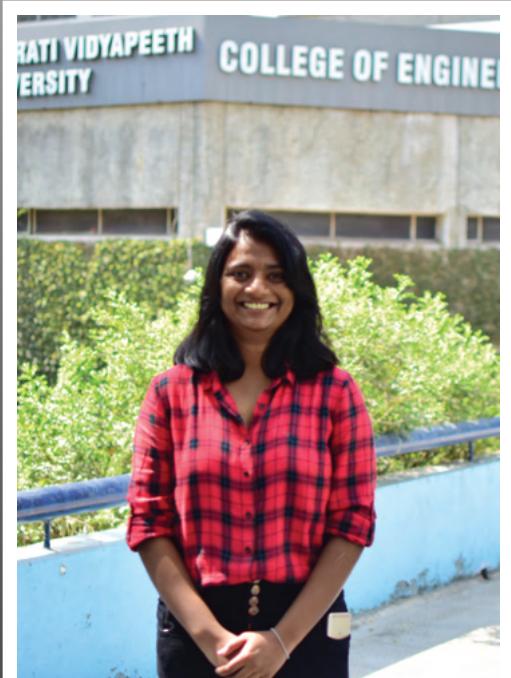
When I started working as the editor in chief, the response we received was impeccable. I was overwhelmed to see the whole college submitting articles, poems, photographs and artworks.

Going through the final draft, I believe that the team defines the theme of the magazine. I would like to congratulate the whole team with a famous hindi phrase, "अभी तो नापी है मुट्ठी भर जमीन, उड़ने को सारा आसमान बाकी है ।"

EDITOR IN CHIEF

JAYALAKSHMI IYER

III Year
B. Tech
Electronics Department



T

To be honest, epiphany is not something I believe in. In my experience, people generally achieve enlightenment in supplements, not in sudden jolts. Nevertheless, there have been a few times in my life where my perspective really did change in a flash and *Genre'19* proved to be one of those epiphanies. This magazine has been a labor of love to me this past couple of months and the radical procrastinator I thought I was, *Genre'19* proved to me I'm not.

For the 30th Edition of *Genre*, we decided to work along the theme Meraki. I love how the word found its way towards me. After a lot of envisioning, delaying, panicking, fretting, fussing, planning, growing big with ideas, and working excitedly into the night I realized I'd found my meraki. I love the simplicity of the word. It doesn't necessarily have to define your passion in life but the soul and devotion you put into doing the simplest of tasks, like preparing a meal for your grandfather, could be your meraki.

Every member of the editorial board has burnt the candle on both ends to compile the magazine you hold. Our essence is connected with *Genre'19* and with this, we're leaving a piece of ourselves behind. I hope our pieces speak to you as you flip through the pages.

EDITORIAL BOARD



Bottom (L - R): Kushagra Singh, Jayalakshmi Iyer, Ankur Kumar, Aakash Chaudhary

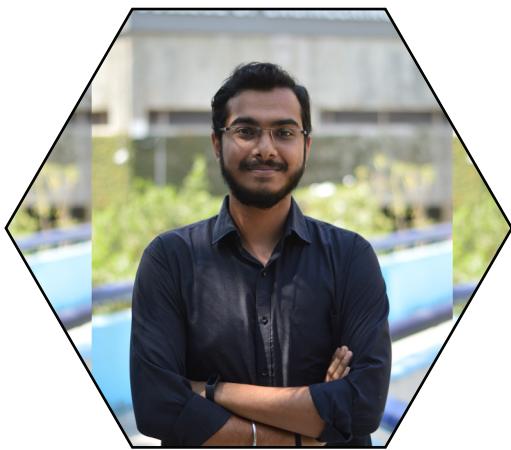
Upper Bottom: Himanshi, Daksha, Nazeeya, Shreyasi, Agrima

Middle: Shreya, Prachi, Arundhati, Pragati, Taru, Sumedha, Kanika

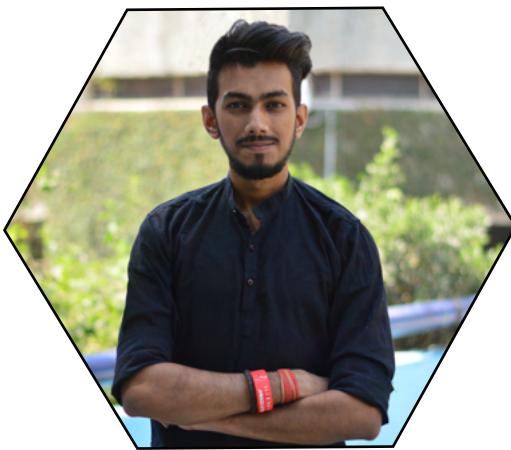
Lower Top: Vibhav, Anirudh, Pushkar, Ankit, Chirag R., Divyanshu, Gayan, Durgesh

Top: Akhil, Chirag K., Vishal, Sameer, Shobhit, Rahul, Kuldeep, Dnyanesh

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Aakash Chaudhary

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SHUTTER STOCK

Sarim Ahmad

DESIGNING MENTOR

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33 जिंदगी एक राह	श्रेयसी पाण्डेय
34 जीवन एक मुसाफ़िर	अंकुर कुमार केडिया
35 नज़रिया	अग्रिमा अग्रवाल
36 कहानी कुछ ऐसी भी	आयुषी शर्मा

37	मेरा आत्म विवेचन	आशीष मिश्र
38	मेरी दुनिया	ऋषि कुमार
39	वो माँ है साहब कहाँ हार मानती है	आशीष मिश्र
40	अपमानित संस्कृति	विभव बाजपेई
41	अब बचा ही क्या है तुम्हारे पास	दिव्यांशु अरुण
42	धर्म	अंकित गुप्ता
43	सफेद मृत्यु	अंकुर केडिया
44	आपला बाप	सुभाष दांवकर
45	आठवणी	सुभाष डावकर
46	कुल्फी आणि स्मितिहास्य	श्री गजानन भो
47	२६ जुलैच्या	प्रा. अंधना सोमण
48	जीवनाचे सार	प्रांशु कटियार
49	आयुष्य	प्रांशु कटियार
50	From the desk of our Incharge	
51	From the desk of our Co-ordinators	
52	Head of Department	
53	Student Associations	
54	Joint Secretaries	
55	EDC	
56	Mozilla	
57	NSG	
58	DSC	
59	IIC	
60	Startups	
61	Melange of Heus	
62	Abode of Shutterstock	
63	Art Circle	
64	Hall of Fame	



Bharati Vidyapeeth (Deemed to Be University) College of Engineering, Pune, India was established by Dr. Patangrao Kadam in September 1983.

The college became a constituent unit of Bharati Vidyapeeth Deemed University in June 2000 and was thereafter assessed and accredited to grade "A+" by NAAC further, all of its programs are also accredited by NBA. The College is located 5 km from Pune on Pune-Satara Road.

All forms of health services are available at the College campus. The Campus has four hospitals, two of Allopathy, including a Dental hospital, and one each of Ayurveda and Homeopathy. The main hospital of Allopathy is located near to the campus.

This hospital has a multidisciplinary OPD and IPD with super specialty services. An 850 bedded attached tertiary care Bharati Hospital is also present.

The university provides hostel facility to the students on first-come, first-served basis. It provides separate hostel for boys and girls. The capacity of Boy's hotel is 300+ whereas for Girls, it is 200+. For boys, the hostel facility is available for only first year. Mess facility for food and Internet Connection is also present.

The University has its own "Bharati Sahakari Bank" which was established in 1971 by founder Dr. Patangrao Kadam. The bank also provides ATM facility to its account holders. The college provides an In-campus bank to students which is accessible for 24 hrs. Also, it provides the loan facility to the faculty and student at subsidiary rate.

Sports equipment also are made available to all the students. The sports ground is available to all students for various activities.

The college uses the SMS (Short Message Service) facility for its students and staff members.

This is a useful tool for the College to have an efficient communication system and stay in touch with Students and Staff members. Regular updates, information and alerts are being sent to students and staff members through SMS on regular basis. This facility has an excellent hierarchical structure.

A class has a group leader behind every 12 students and a GFM. If the College authority wishes to inform any important information to students, a SMS is sent to the 12 group leaders. These group leaders in turn inform this message to the members of his/her class. Also, there is a provision to send SMS to all students, GFMs, staff members and HODS.

The Audio-visual hall (AV Hall) is for seminars and presentations. ME / M TECH seminars, project presentations and Ph.D., seminars and presentations are conducted in this hall. The college has Edusat Link installed and activated at the AV Hall for transmission of educational programs of -

- AICTE (ALL India Council for Technical Education)
- IGNOU (Indira Gandhi National Open University)



The College provides adequate Library facilities to the staff and students. There is a five-storey library with more than 80,000 books including 69,170 volumes, 9200 titles, 19 periodicals, 4510 books in departmental libraries, 85 national and 71 International Journal subscriptions and Digital Library facility.

The Library subscribes to well-known journals and periodicals especially in the field of science, technology and current affairs. The Library is placed in spacious five-storied building, the college has its own spacious, well-designed building.

The college houses about 101 Laboratories, 43 Classrooms and 21 Laboratories.

83rd Ranking by NIRF, MHRD, GOI.

3rd Ranking by Dataquest-CMR.

29th Raking by TOI.

45th Ranking by Outlook.

Selected institute under TEQIP by MHRD, GOI, Pune.

Programmes accredited by NBA, New Delhi.

Constituent unit of BV(DU) which is accredited to grade 'A+' by NAAC in 2017 and grade 'A' (2004 & 2011).

Platinum category in the AICTE -CII space survey for Industry Institute Interaction in 2018.

Ranked 6th at national and 1st at zonal level by AICTE intershalas.

This University has established linkages with more than 50 national and international reputed academic institutions, such as North Carolina A & T University (USA), University of Cologne (Germany), Liverpool Law School (UK), Kingston.

An Introduction to Our College





AN RENDEZVOUS WITH THE PRINCIPAL

The theme for this year's magazine is 'MERAKI' which is a Greek word which means dedicating your love, creativity & soul to anything you do. What is your take on this?

First of all, I'd like to congratulate the Editorial Board for coming up with ingenuous themes for the magazine every year. The theme encapsulates love and passion and how far it can take our endeavours. It further teaches us about how two people can grow if they share the sacred bond of love between them. Passion is yet another vital quality to achieve success in life. Our professions are enhanced by our will to learn about our fields, hence passion adds in tremendous amounts to our life.

A new branch has been introduced this year in collaboration with TCS, with the name 'Computer Science with Business Systems'. What is the key reason to launch it? How do you expect the college to improve through this?

As I have been in the education sector for the past 32 years, I have observed that a key problem in the engineering education system is the lack of connection with the industry and institute. We have tried to bridge that gap via implant training and internships which serve as a pedestal to provide our students with practical knowledge and increase their skill levels. We also have "Saturday at Bharati Vidyapeeth" where people from various companies come up to share their experiences. Coming to the new branch, CSBS, the syllabus has been designed in collaboration with TCS keeping in mind the skill levels to produce industry-ready engineers. These students will be provided by guest lectures from experienced faculty, internships from TCS, and the opportunity to work in various projects.

If you're given the chance to meet anyone, dead or alive, who would it be and why? He/she can be anyone from an entrepreneur, film star, politician to a business tycoon.

I would love to meet Narendra Modi once. Although I do not follow politics much, I admire how he has brought many positive changes in the past five years, not just for the common man but for the nation as a whole. I, myself, am always striving to bring changes as the principal of this institute. The common man has to go through a daily struggle for everything, and those in the government have to

What is your view on India's political landscape given the approaching elections?

As far as Indian politics is concerned, we are more interested in supporting a party instead of working for an idea which has better dividends to pay off. The concept of having an opposition in the parliament should not be there to oppose the government on each and every step. It should rather play its part on the lines of a constructive criticism of the policies undertaken by the body in power. During the time of the U.S. presidential elections of 2008, Barack Obama and Hillary Clinton were campaigning to become the president. In one such electoral rally, Clinton had foulmouthed Obama. Once in office, Obama had the political decency to appoint Clinton as the foreign secretary in his government. This event in itself brings out the fact that the integrity of a nation falls prior to any other personal interests as is prevalent in our times. Our thoughts and ideas should always have an objective to be in the well interest of the nation.

What is your vision with initiating the Innovation Institution Council (IIC)?

This council provides the students with an outlook to work for patents and continue their work in various research fields. It is truly a source of joy that the MHRD has chosen our college to be one of the colleges in the IIC. The approach to be inventive has provided us with great inventions that have made our daily lives better. Research and innovation form the building blocks of our society and the nation as a whole. There should be a constant attempt to inculcate a thought process on these lines in the young minds of India. IIC is a foot forward in order to keep up with the changing dynamics on the path of progress of our country.

What advice would you give to a kid who wants to be like you someday?

My basic advice would be to emphasise the importance of living an organised life. These days, people like to live in the moment, but often forget the importance of discipline. Organised work and following your daily regimen can take you places in life. It's also important to attain balance between work and leisure in order to avail our time and achieve maximum productivity.

The position you hold requires intense time management. How do you organise your day to meet the various demands & commitments as a college principal?

I get up every day with a fresh mind and a calm heart. Also, a routine that involves playing badminton and further exercises keeps me fit for my day. A lively approach when I get here helps me keep tensions at bay and I am able to attend to the issues that are brought up and to deal with them efficiently. Secondly, I have utter love and respect for this institute as well as its students and that makes me work day and night to come up with new prospects for the same.

How did Dr. Patangrao Kadam inspire you?

Dr. Patangrao Kadam is the most dynamic person I have ever known. He was an exemplary leader. The faith he showed in his colleagues motivated us to reach our full potential. He always backed us in times of self-doubt and engendered the thought of giving our all without worrying about the consequences of our actions. His leadership has propelled us to become better versions of ourselves and elevated our skill levels. We all surely miss him and we hope to carry on his legacy.

How do you feel about India's rise to power in this century & the contribution of our technical students to it?

Technology has propelled our progress rate by helping in the agriculture and production sectors on humongous levels. These days people with low income get 30 kg of food on lesser cost using technological inputs in place of the ration process which involved heavy corruption and wastage of food. Thus, the wealth of our nation is guarded with the help of technology. In no time there will be a banking process present which will not involve banks as such. In the international scenario, we can notice that with the help of technological advancements, the security of The White House is no more dependent on guards. All in all, technology is going to be a key player as of now for the world which is progressing on exponential terms.

What is your assessment of the youth of this nation?

The youth of the nation is very energetic. It is adaptive to new changes and is very welcoming to the upcoming technologies. They have a will to do something different, hence we see a surge in the number of start-ups and innovations. But they are often seen to lack discipline and punctuality. Their disregard for rules and the tendency to look for early escapes is something they have to improve upon.

How is college life different now as compared to your college days?

Every era has a different approach towards the sense of enjoyment. In our times, there were no televisions available. We used to have lunch together. There was a huge involvement in field sports instead of virtual computer games. The hostels were a happy place especially when a roommate got back from home as he would then bring a bag full of home cooked goodies. Things are different now and who else would know better than you as you are experiencing it right now.

FROM THE PRINCIPAL TO THE STUDENTS:

What are your expectations from this institution?

This institute has opened a lot of new avenues of technological advancement for us. We look forward to the trainings and internships that the college will help us with. We expect our holistic development which will help us become better suited to work. The college should also build a student portal to address student grievances.

How can students communicate with the principal?

There should be specific hours for the students to interact with the principal. It can be on a weekly basis. The students should have a certain student body of the college, the head of which keeps in touch with the principal on an everyday process. Thus, the gap between the authorities and the students would be bridged easily.

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Saverne (spr. -wärn), franz. Name von Sabern (s. d.).

Savery, Thomas, einer der Vorläufer Watts in der Erfindung der Dampfmaschine, geb. um 1650 zu Shilton in Devonshire, gest. 1716 (s. Dampfmaschine, Geschichtliches).

Savi, hinter lat. Tier und Pflanzennamen bedeutet Paul Savi, einen ital. Naturforscher, gest. 1844 als Professor in Pisa; er schrieb außer zahlreichen zoolog. und botan. Abhandlungen: «Ornithologia toscana» (4 Bde., Pisa 1827—31).

Savigliano (spr. -wiljā), Stadt im Kreis Saluzzo der ital. Provinz Cuneo in Piemont, rechts an der Maira, an den Linien Carmagnola-Cuneo und S.-Saluzzo (12 km) des Mittelmeerkessels, in fruchtbarer Ebene, ist regelmäßig gebaut und von Mauern und Türmen umgeben, hat (1881) 9932, als Gemeinde 17150 E., in Garnison ein Bataillon des 8. Infanterieregiments und das 17. Kavallerie-

regiment (außer 2 Eskadrons), eine Stiftskirche mit Gemälden des hier geborenen Mulinari (gest. 1640), genannt Carraccino, eine Benediktinerabtei, großen mit Schlosshallen umgebenen Platz, schönen

Wandmalereien und Handel mit Vieh und Hanf. —

1799 liegten hier Russen und

1815—31; 2. Au-
fah. Jerner find-
sües» (Gieß. 180
1865) und eine Re-
ise mit Eichhorn

chrift für geistige
1815 f.). Diese A-
als «Vermischte Sc-
seinem dogmati-
tigen röm. Rechts-

Sach- und Quellen-
deßen Fortsetzung:
ebd. 1851—53), b-

schichtlichen Behan-
Bgl. S. 5 Biograph.

Rudorff (Weim. 18
1867), Landsberg (

zu seinem hundertste-

Savigny (spr.
preuß. Diplomat, Se-
1814 zu Berlin, und
Berlin die Rechte, in
Berlin als Ausstulta-
Diplomatie über. Un-
burg-Manteuffel war
Ministerium des Aus-
ländischen Gesandter am h-

ENGLISH SECTION



A stranger once asked me
 A strange question
 Where do you come from?
 I thought about it, long
 As if it was so arcane
 I recalled the tower of trees
 And the township of red bricks
 Continuous streams and canals
 Like lovers pressed to each other
 But it was before that I thought about stupid, desirable things
 Like stars over an open terrace
 Languages rolling off each other
 And a hawker center at midnight
 But it was even before that
 I thought of red walls
 And a screaming woman
 A wave of liberation
 And large, engulfing hands
 And I remembered the answer
 I come from my mother
 What about you?
 A question of nativity:
 I don't know if the Gods really made us

Nativity

PIYUSH NARANG
 EDITOR IN CHIEF
 GENRE 2K17

THE PAST AND BEYOND

SAUMYA SHARMA
 EDITOR IN CHIEF
 GENRE 2K18

he sat by himself, for a long time
 passivity had engulfed him
 and had
 tied him to the moment
 his tongue was fatigued
 by repeating the same
 tales of anguish
 the sound of his voice, just another cry
 he had a lot to say
 a lot to assert
 but his shouts just won't
 make a difference
 he sat silently, piercing the moments with his
 gaze
 watching hopes crinkling into
 disappointments
 filling him in
 with the same substance rebels are made of
 he sat by himself but not for long
 you see, history has ways
 of repeating itself
 of becoming an endless cycle of peace and war
 of silence and screams
 of turning the man who watched silently
 blow out his lungs on streets
 for you see,
 we're trying to discover life,
 stepping from one revolution to another
 so, he sat silently by himself
 until his time had come



Teaching is a noble profession. I have spent 14 years of my life as a teacher at Bharati Vidyapeeth (Deemed to be) University, Pune. All these years have been cherishable to bits. Every day has been different and there has been a constant brush of knowledge and experience with the students. Students often come across as an inspiration. You never know everything, and you can certainly absorb fresh knowledge daily. Theoretically, I am supposed to be the professor, but practically I enjoy being the learner here. A vast exposure of ideas and a supportive environment makes this college a hub of learning and growth.

It can be debatable whether there is a woman behind every successful man but it is undeniable that there are some great teachers behind all successful men and women. Teachers are regarded as the strongest pillar of the society. The famous respected sanskrit shlok "Guru Brahma, Guru Vishnu, Guru Devo Maheshwara" commands us to honor teachers as God.

PROF. MEENA CHAVAN
Department of Electronics

PERSPECTIVE

The four years which I have spent in this college are nothing short of amazing. College life has taught me how to become independent in my life and also how to manage time. It has infused a mantra to have a balanced life between studies and leisure.

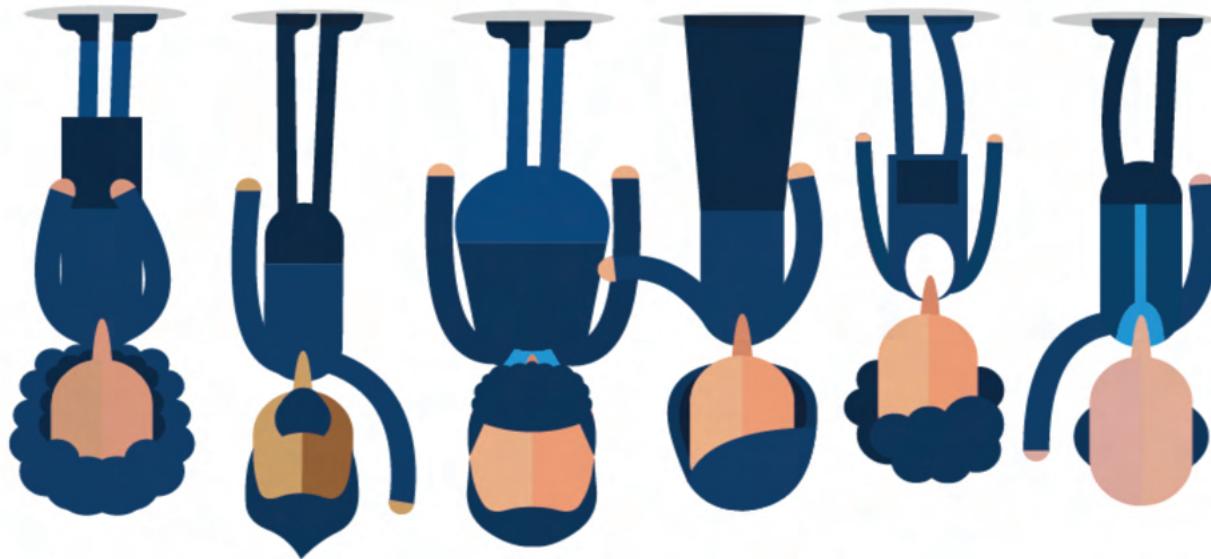
With each passing semester, I feel like I'll miss this place like no other. All the time that has passed by makes me want to relive each and every moment. Owing to this experience, it would not be an overstatement if I say that I would pick a college life of Bharati Vidyapeeth over any other college.

Our College has an ambitious and talented student team of editors, mentors, writers, bloggers and photographers from diverse backgrounds and ethnicity. Bharati Vidyapeeth has provided students with publishing and journalistic growth opportunities and hence we're able to provide our readers with genuine advice to help them make the most of their college experience.

We, here at BVP, not only strive to better ourselves but to benefit the world around us, for that is the true quality of a winner. My life, through the last eight semesters has taught me what no book could have ever taught me – all thanks to BVP. My life here has presented me with challenges, and has taught me how to face them. It has taught me that life is full of successes and failures and has shown me how to strive ahead.

I feel like our college's goal is true to the mission of 'social transformation through dynamic education', to inspire and guide students to achieve balanced success in both their academic career as well as social lives.

Sarim Ahmad
Semester VIII (Computer)



When one thinks of money, he/she is often faced with the employment-entrepreneurship dilemma. While some who thrive on risks might opt to start up, others follow the traditional employment path for they assume that it is the only feasible option available to them. Thinking that starting up would help you embrace your peace of mind owing to the perks of self-employed work-time flexibility, along with a chance to fulfil your passion and castle of money - it is a myth. Running a business might swallow your social life owing to all the all-nighters you might have to pull that comes with no specific time-table, though on the other hand, a secure corporate job does not offer you financial freedom.

Turning your passion into business doesn't necessarily mean you are living your passion for it is not just your passion you are working upon. Being the business owner, you're entitled to handle jobs that are most mundane to highly specialized ones irrespective of whether or not they fall under your area of expertise. On the other hand, pursuing your passion would be way more promising if you find a job to explore your passion and passion alone, although, if it is running a business that is your passion, what else do you have to think about?

People who pursue entrepreneurship and are successful have a whole different mindset and set of skills than that of a corporate employee and visa-versa. While childlike curiosity and thinking does not always help a corporate worker, it is one of the most important traits for an entrepreneur. It is not a given that entrepreneurship is "better" than employment for entrepreneurship is not the only path to richness, but it was a courageous decision that rendered to the triumph of a successful business.

Prof. Nazeem Sheikh
Department of Mechanical

Job Creators VS Seekers



Ethical Fiber of a Social Entrepreneur

It takes a combination of hard-headedness, humility, and courage to stop and say, 'This isn't working.' And that is one of the top-most traits of a successful social entrepreneur. The basic difference between an entrepreneur and a social entrepreneur is that entrepreneurs fall into the category of people who want to 'be someone', and social entrepreneurs belong to the category of people who want to 'do something'. Social entrepreneurs find gaps where needs are not being met. The word 'entrepreneur' comes from French, originally meaning 'to take into one's own hands.' Excellent social entrepreneurs, therefore, do not depend on traditional through fares for creating a social impact and flare their own pathways for creating impact. Social entrepreneurship is perhaps bristled with more risk than conventional enterprise, and takes longer to achieve success, and won't earn you a million dollar exit at the end. Successful social entrepreneurs are such because they don't let their social mission impair them to the hoarse truth of running an enterprise.

All in all,

A social entrepreneur has a charitable heart and an enterprise mind.

-Prof. P. A. Chougule
Department of Electronics



Insight on Telecom Sector

Prof. S. R. Madkar
Department of Electronics

The telecommunication sector has witnessed all-round growth over the last few years in India. The policies of the government have promoted rapid growth of the sector and made telecom services available to the customers at affordable prices. India is the world's largest market in the telecom sector with 1.18 billion subscribers. The mobile industry is expected to create a total economic value of 14 trillion by 2020. This sector is expected to contribute substantially to the GDP. The monthly data usage per smartphone in India is expected to rise from 3.9 GB in 2017 to 18 GB by 2023. Data usage has doubled in six months by the end of June 2017. According to the report, the Indian telecom market is likely to grow by 10.3% per year. This sector may generate four million jobs in the next five years (including direct & indirect)

Indian telecom network is the second largest in the world in terms of telephone connections. According to the Department of telecommunications, there are 1186.22 million telephone connections out of which 1162.81 million are wireless connections. Overall teledensity in the country was 91.64% in 2017. Teledensity means the number of telephones per 100 populations. The rural teledensity is now 56.58% whereas in urban areas it is 167.80%. The share of GSM services in the market is 98.03% while COMA services are 1.34% as per TRAI. To develop infrastructure in telecom, the government has started projects like BharatNet, project connecting unconnected, WiFi hotspots, community service centre, NFS, VNO, etc.

A nationwide public awareness program is started on Electromagnetic Field (EMF) emission issue. All radio communication system utilizes EMF. A cell phone handset consists of transreceiver. It is low powered which means cell phones cannot send signals very far. A phone needs to have sight of a mobile phone only base station. WHO has referred a number of articles around the world over the past 30 years and concluded 'Current evidence does not confirm the existence of any health consequence from exposure to level electromagnetic field.' In September 2013, WHO mentioned that 'Studies to date provide no indication that exposure to RF fields such as base stations increases the risk of any disease.'

Department of Telecommunication has adopted strict norms for the safety of EMF radiation recommended by WHO which are prescribed by the International Commission on Non-Ionising Radiation Protection (ICNIRP). DOT has launched a web portal called 'Tarang Sanchar' for information sharing on mobile towers & EMF emission compliances. The portal can be accessed at www.tarangsanchar.com. Information about any mobile tower regarding EMF can be accessed. The portal has technical details of 16.33 lakh base stations. Definitely, there is a great future for India due to the information revolution in the Telecom Sector.

The birth of the Internet was an astounding invention on its own, and for generations to come, nobody could think of any demerits. But cyberbullying is perhaps the worst thing faced by the most frequent users, the youth. With approximately 53% of Indian children and 37% of children across the world falling victim to this at least once during their lifetime, it is high time to aware people about this.

The laws against this phenomenon have been, realistically speaking, residing only as paperwork. Hardly any cases get reported, and even fewer are seen through legally. They, for the most part, specify the role the school or society or parents can play in order to combat it. But the thing about online bullying is that it is next to impossible to notice, in case the victim doesn't come forward. With most cases, the victim's reputation is on the line, which is why they refrain from publicly coming out and opening up about it, irrespective of the pain they suffer in the process.

Digital devices have the boon of 24/7 communication on a global scale, which implies that it is difficult to find relief in times of crisis. But it is not only the children's privacy and mental health at stake here, adults especially women, face this as well. Multiracial females happen to be the most common victim, where in compromising pictures/videos are circulated on the internet without their consent and this leads to tragedies from loss of their livelihoods to suicides.

Defining exactly what constitutes cyber bullying is an absolutely vital step to be taken from school level to corporate workspaces. There is a fine line between harassment and criminal activity, and the risks involved are huge. There have been more than 4,400 suicides due to this cause alone within the span of 2018. The causes range from jealousy, sexual orientation, economic gain and even peer pressure.

With the newly launched campaign of 'Digital India', there are gazillion bytes of data being uploaded and downloaded from the web on an everyday basis; hence it is increasingly difficult to keep track of offensive ones, unless they are reported. India ranks third in the world when it comes to cyber bullying, and with technological advancements, it is easier than ever before to edit a video and post it from anyone's personal social media account. This can be done at any time and from anywhere in the world.



CYBER BULLYING

Taru Uppal, Semester - II
(Computer Science & Business Studies)

NATIONAL DATA & ANALYTICS PLATFORM

Anirudh Goel
Computer Engineering
II - year

The global race in artificial intelligence is like the space race of the 20th century with large powers vying for the pole position. China currently leads the way while countries such as the US and Israel trailing behind. India too has big ambitions in this race. But Indian researchers and companies working in this field have a big setback i.e. data. Specifically speaking, the well-labeled, feature-rich local datasets, is still not available.

Despite large amount of data being generated by the government of India and the various departments under it, this data lacks the ability for being used in analytics for the AI applications mainly because the datasets are binary in nature as this data has been collected for reporting and surveying purposes and thus complex analysis can't be performed.

Right now, a few government organizations and bodies like RBI maintain a database on Indian economy and ISRO provides feature-rich datasets with its services like Bhuvan but these sources are very few and fewer ensures that this data is constantly updated and maintained.

Even the GOI's 2012 initiative of the open government data (OGD) to host datasets lacks critical datasets and those which are available are often outdated, duplicated, incomplete, inadequately referenced and lack common terms used to describe the data. Top level metadata such as data collection methodology and a description of the variables are also either missing or incomplete. These shortcomings make it difficult to compare and analyze datasets properly.

So, under the leadership of Avik Sarkar, head of the data analytics cell of NITI Aayog is working on building a National Data and Analytics Platform with an aim for democratizing access to datasets generated by the government and the participating private players to the public for research and complex analysis. All data would be aggregate data on government functioning, with no individual or personally identifiable data collected on the portal.



There will be some basic analysis to start with and users will also have access to self-service analytics. For instance, if a user wants to compare two things do some correlation or regression, maybe the neural network is required, or a decision tree is required, but as a user, you don't need to worry about that. Or if you want to find out interesting patterns in the datasets, you might need to run machine-learning algorithms. That will also run in the backend. The user will not be exposed to all these backend functions, they will be exposed to a new simple analysis or comparisons as the end user. There are a lot of backend heavy analytics that will happen that until now were only available to researchers who had domain knowledge and access to high-end tools to get this sort of analytics done. Now, this will be made available to the end user at the click of a button. The whole objective is to democratize data and have democratized data-led discussion and analytics in the country.

The platform-like NDAP will provide a big boost in the development of the AI and ML applications centric to the geography of India and thus increasing the efficiency and the results generated. Also, it will help to cater the needs of start-ups and in the long run increase the governance as various analytics could be performed to predict the most beneficial methods. In short this service could amaze us in ways we couldn't even imagine.

IMPACT OF TECHNOLOGY

Chirag Rathi, Semester - II
(Computer Science)

The demand for the touchscreen technology is increasing day by day and proving itself to be reliable. This technology is a unique type of visual display device that allows the user to physically interact with mobile phones, computers etc. just by touching its screen. Its applications includes ATM machines, making phone calls from smart phones and billing at super markets etc. This technology has brought up crucial changes in our society and started a new revolution in the IT sector. It leads to the conception of new featured apps and variations in the interface of different electronic devices. It has bought a great change in the lives of the people because now they can just see the icons and interact with the devices. The first touch-screen technology was a capacitive touch-screen which was developed by E.A. Johnson with an important contribution from Dr. Sam Hurst at the Royal Radar Establishment, Malvern U.K. The most touch-screen technology patents were filed during the year 1970s and 1980s.

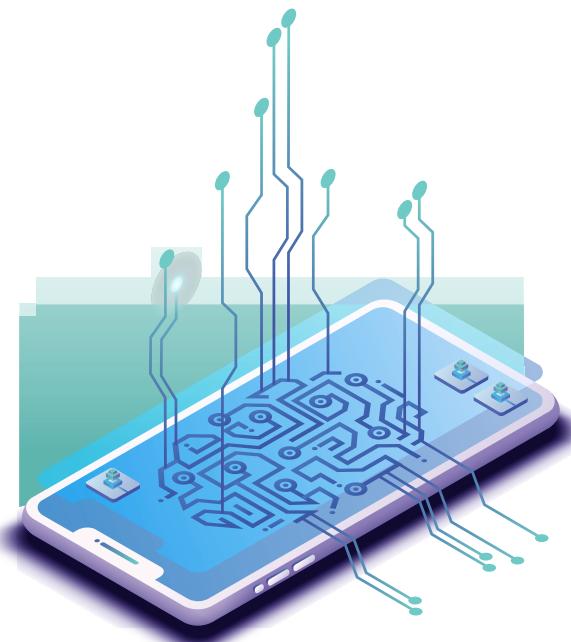
The various touch-screen technologies include:

- Capacitive Touch-screen Technology
- Resistive Touch-screen Technology
- Surface-Acoustic Wave Technology
- Infra-red Touch-screen Technology

The capacitive touch-screen panel consists of an insulator such as a glass, coated with a transparent conductor such as indium tin oxide (ITO). A resistive touch-screen panel is composed of the several layers, the most important of which are the two thin, electrically conductive layers separated by a narrow gap. The surface acoustic wave (SAW) technology uses the ultrasonic waves that pass over the touch-screen panel. The Infrared touch-screens rely on the interruptions of an IR light grid in the front of the display screen.

The popularity of smart phones, PDAs and tablet computers, portable video game consoles and many types of informational appliances are driving the demand and the acceptance of common touch-screens, for the portable and the functional electronic devices, with a display of the simple and the smooth surfaces and the direct interactions without any keyboards or mouse in between the user and the device. It has reduced the use of the external accessories.

After seeing the responses of the society, I conclude that touch-screen technology has a very positive influence on some key aspects of usability, especially for an efficient navigation. There is a tendency that more sensitive touch screens enhance the navigation. Nevertheless, the users still have some problems while interacting with the devices. Some of the functions are not intuitively usable, and there is still room for improvement.



THE SOCIAL NETWORKING PROBLEM



A very popular quote says that privacy on the internet is a myth. You have arguments for both the ends of the spectrum. While a section of internet connoisseurs believe that with the current advancements in online security systems, privacy has been obtained, a large section sheepishly disagrees and thinks that it's a lie we tell ourselves.

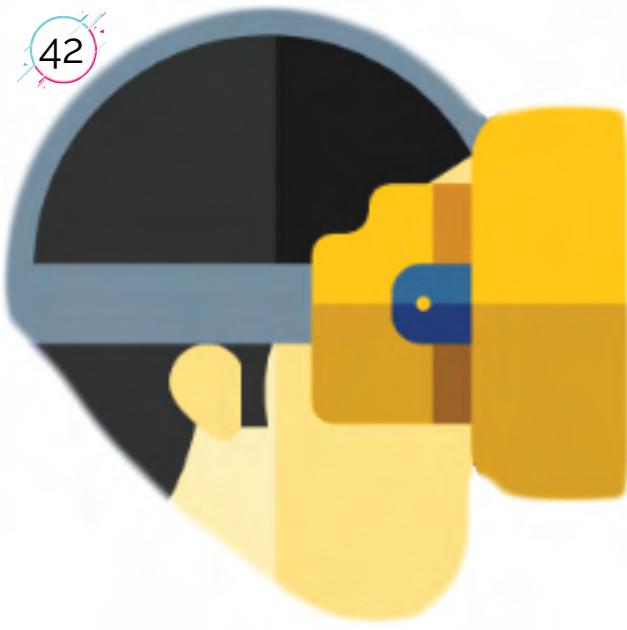
On April 10, 2018, when Mark Zuckerberg appeared in front of the US Congress to testify about Facebook's role in the data sharing scandal and its privacy issues, the world took notice to what has been a rather silent debate.

As Zuckerberg testified to the various senators about Facebook's privacy issues, its role in the Cambridge Analytics scandal etc., a lot of people realised that there were problems they decidedly ignored initially, but are now posing a substantial threat to an individual's online identity. From being a used as a tool for Russian Interference in the US Elections to the data storage issues, to the misuse of user data by Cambridge Analytica, we have a host of threats that might force us to change the casual attitude with which we handle our online lives.

On December 14, 2018, Facebook reported that a bug had caused the data of about 6.8 million users to be shared with third-party applications. In September 2018, a data leak affected 50 million accounts. With constant breaches like these, it's tough not to extensively imagine the nature of the world's most widely used social network. With Facebook's monopoly in the social media sphere by its acquisitions of Instagram and WhatsApp, it is of paramount importance that the company ensures a safe environment for the general user.

While the problems of security breaches or bugs or hackers aren't home just to Facebook, it is a must that a platform with 2.1 billion users ensures the safety of its users. Since the difficulties encountered in providing a secure environment to any user are enormous, it is also the user's job to maintain security measures on their account. As companies try to safeguard accounts from attacks and infringements, it is a very testing time for the user. Our online personas contribute to a major part of our self-identity, so it's safe to say we can't desert social media, but we also need to tread carefully about our conduct on the web. It is a two-way road, one the user has to walk more than they think.





VIRTUAL REALITY

VS.

The two technical paths that can change the world are augmented reality and virtual reality. The terms are really confusing, aren't they? And yet sometimes, we think that both are the same thing, but that's not the truth.

What is Augmented Reality?

Augmented reality (AR) is a technology that layers computer-generated enhancements atop an existing reality in order to make it more meaningful through the ability to interact with it.

It's nothing but "an enhanced version of reality created by the use of technology to add digital information on an image of something."

What is Virtual Reality?

Virtual reality (VR) is an artificial, computer-generated simulation or a recreation of a real-life environment or situation. It is also termed as "the use of computer technology to create a simulated environment." It makes people feel and live life as if they are experiencing the simulated reality firsthand, in terms of vision and hearing.

When you experience VR, you are viewing a completely different reality from the one in front of you. Virtual reality may be artificial (an animated scene) or an actual place from somewhere that has been captured on the camera and included in a virtual reality app. With virtual reality, you can move around and look in every direction as if you were physically there.



AUGMENTED REALITY



On one hand, AR concept finds its application more in mobile devices (laptops, smart phones, and tablets) to change the process of interaction between the real and virtual world; On the other hand, VR is delivered to the user through a head-mounted, or hand-held controller. This device connects people to virtual reality, and allows them to control their actions and live in an environment meant to simulate the real world.

Now if someone ask you what are AR and VR concepts?

You can simply say that, '*Virtual Reality enables you to fly the jets with birds! But you can catch a jet pop out of your drawings you need Augmented Reality.*'

And now, you can imagine how these two concepts can work wonders, but the condition is you have to stay in reality!

Kushagra Singh
2nd year
Electronics





BLOCKCHAIN

Vishal Tripathi, Semester VII
(Electronics & Telecommunication)

In a world extensively driven by digital methods, we have come across some great technical computer-based wonders to benefit mankind. Adding another name to one such list, is the Blockchain.

Blockchain is a digital concept featuring a series of records (or blocks) which are primarily used to register online transactions and other information in digital form and are interlinked using the notions of cryptography.

Invented by Satoshi Nakamoto in 2008, Blockchain serves multiple features which make it a go-to feature in the current era of digitization and cryptocurrencies. As mentioned, Blockchain uses a series of records or blocks that store information within them, and are interlinked. This information is stored in a secure and efficient manner. Also, adding to the security is the feature which restrains any alteration to be made in a block. If, in case, the user has to change the content in the blocks, all the blocks need to be subsequently changed. A large network consensus is required for the same.

However, the benefits don't just limit to the security. The Blockchain operates on a peer-to-peer network and sticks to a inter-nodal protocol designed for the same purpose. This feature lets the user have ease of access to the permanent recorded transactions, and have them secure, all at the same time.

Blockchain, is one of the new big things, that has just the right amount of potential to make a difference in the current technical industry. It is another step towards a future, that is already being decorated by greats like IoT, and big data. Thus, it is safe to say that the digital world is heading towards a constructive end.



UNEXPLORED CITY

Himanshi, Semester - I
(Electronics & Telecommunication)

With every sunrise so pretty,
with every midnight so witty,
comes a silence so deafening,
drifting away in an unexplored city.
Breathing dreams like air,
Silent, while my throat screams aloud.
How did I come so far?

Amidst the hustle, lies a bruised heart.
Snivelling, moving forward persistently,
everything dies but these feelings.
What's coming will come,
And I'll meet it when it does.



Far From Real

-Prachi Singh, Sem VI
(E&TC)

Behold how magnificent and glorious this realm is,
Maybe something beyond my dreams.
Look at the colours which paint the heavenly skies and all that lies beneath them,
Am I hallucinating, or is all of it real?

Here I come, galloping through,
Following a trail to a place I was destined for.
My journey consists of more fiascos than triumphs,
But maybe, this is how it was meant to be.

Mesmerized, I witness my entire existence flashing by.
I wonder why it's suddenly beginning to seem unreal;
Now something is driving me away from this mirage.
Helplessness dawns on me, showing no mercy.

Now, I'm left with nothing but a void,
Fear and anxiety waiting to take the space abandoned by fantasy .
Deliberately, I'm being shoved into the harsh reality.
Something I always wanted to escape.

Reality finally makes its way into my head.
After all, it had to come some day.
Never imagining to be this hard,
And now I rest, feeling content that it wasn't all in vain
Or was it?



IN THE NAME OF GOD



A cry in agony is heard,
and you won't even hear it.
The birth is not at denial,
the mother is!
In the name of god,
the child bearer has to be hanged.
The child has to be presented
to the god
Whom neither I have seen, nor you.
Or have you?
There is a conjecture.
The ills are levied with a curse
which would now be lifted.
The priest was evoked of it
by the god
Whom neither I have seen, nor you.
Or have you?
Now you might be at peace and much of myself is too.
The mother is hanged and a wave of joy is felt.
The ills will now be cured.
Or would they?
A plague hits the town.
There are moments when they remember him
as they kill the goats and the hens.
The cows might be the next.
Plague was not merciful,
killing one by one.
Nothing is left and I can only smile.
Who did it?
The god, of course.
Whom neither I have seen nor you.
Or have you?





11:11

I won't lie.
My heart won't abide
the rules that my mind set.
I realize my heart's chaos
with each passing breath.
I inked your name,
carved it in my heart.
It now resembles a slate,
one I've no intention to erase.
Not today.
Yes, I feel gravity
but your eyes hold more strength.
Roads make me to lose my way
but your wink does the same.
Little by little, every single day,
these vague attempts words make,
to stitch my thoughts,
my thoughts of you,
they try to engrave.
How do I whisper to them?
Now, I know.
So that's what I did
in my 11:11 wish.

Anmol Chitransh
(Information Technology)



BROKEN EAST

That child in the middle-east,
 limping down amidst the war zone
 Face burning with bloody cuts nurtured by his salty tears
 waging a war within himself
 should I die for myself,
 or live for my sister?

That woman lying on the edge of the road,
 with a bullet hole right through her forehead
 not just got herself killed.
 Heartless that she was,
 she took the nine-month-old in the womb with her.

That seventeen-year-old lying lifeless was not murdered, No!
 A suicide amidst the war, the irony!
 Would life still appeal to you,
 after having witnessed your mother's butchery
 and then forced to pull the trigger on your father yourself?

That girl hiding behind the remains of what used to be her home,
 shivered clutching the remains of her father
 for starving or freezing to death appealed much more to her,
 than being spotted by the camera with almost no clothes on

That life ending long before,
 the void could actually consume
 Humanity getting annihilated,
 one death at a time

Jayalakshmi Iyer, Semester - VI
 (Electronics Engineering)



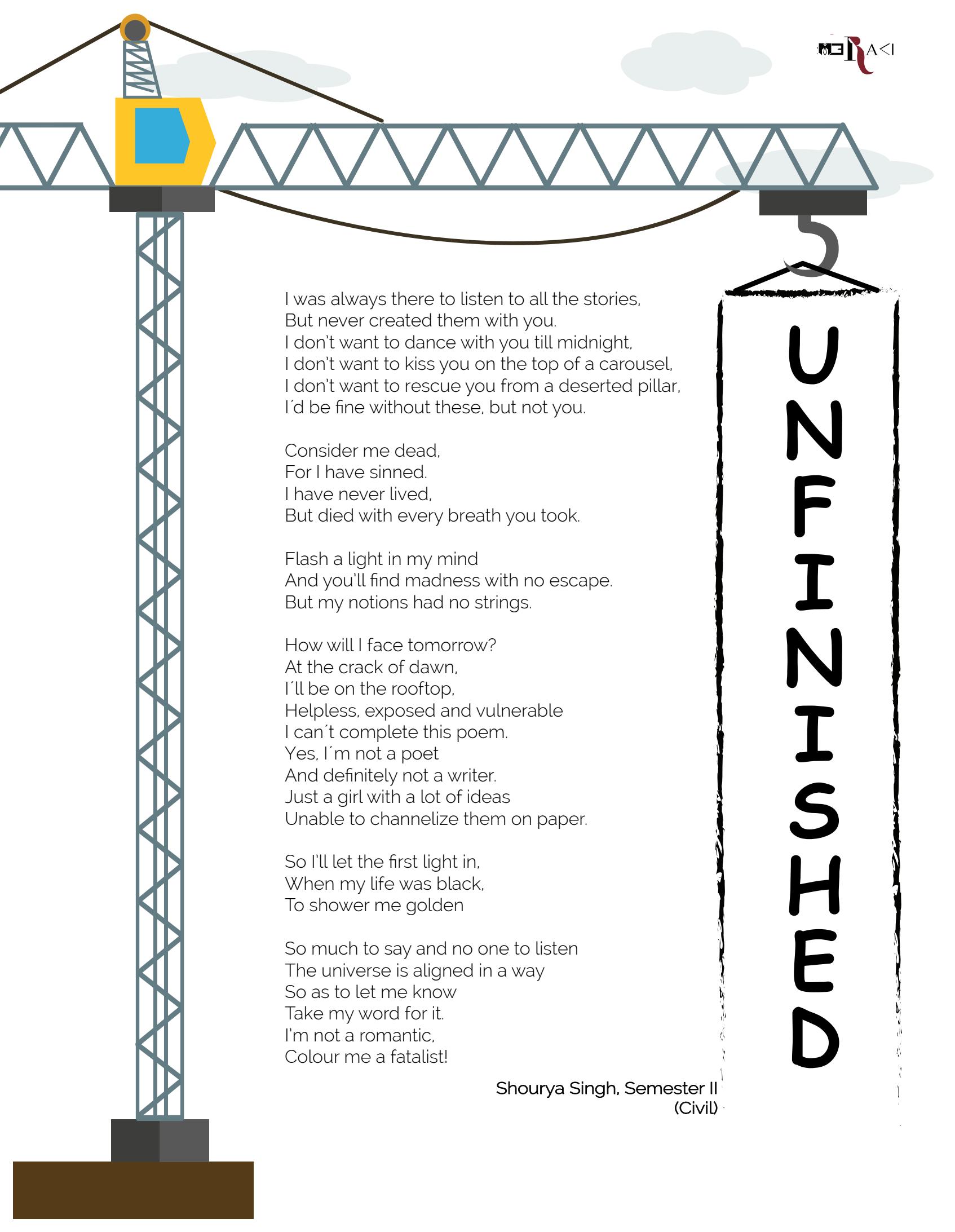
YOU WILL SURVIVE

Do you tell yourself
at the end of the day,
that things are just fine
and you'll make it through?

The dog that played
with you the entire day,
is still alive. Not really barking,
but alive indeed.
The tap is still working,
those last drops dripping ,
punctuating the silence
that conceals your home.
The old one, the lonely one.
Mother, miles away
she's fine.
Coughing a lot lately
but talking all smiles.
Trying her bit
to portray things fine.
The winters have wrecked
the garden of lilies and roses
but there are leaves undead
at the end of boughs
and the trees are just fine.
But the memories flash by.
And for you, it's enough.

The meadows of the old home,
have left the smell
of alfalfa and longing,
in the midst of nothing.
You hold the photographs close
and you know that's all.
All and enough, to exist.
Here you are,
weighing high, feeling low.
No wonder emptiness is so heavy,
just you and your job.
And a studio apartment
where you fight yourself each day.
No dog, just dripping taps
and a mother waiting far away.
No clothes, just a pair of sweaters
to remind you of seasons,
that are far gone.
No meadows and no gardens,
just a vase of flowers
that have dried in meaning.
So today when you sleep,
tell yourself,
you'll survive tomorrow
for you've been good at it.

Sumedha, Semester II
(Information Technology)



I was always there to listen to all the stories,
But never created them with you.
I don't want to dance with you till midnight,
I don't want to kiss you on the top of a carousel,
I don't want to rescue you from a deserted pillar,
I'd be fine without these, but not you.

Consider me dead,
For I have sinned.
I have never lived,
But died with every breath you took.

Flash a light in my mind
And you'll find madness with no escape.
But my notions had no strings.

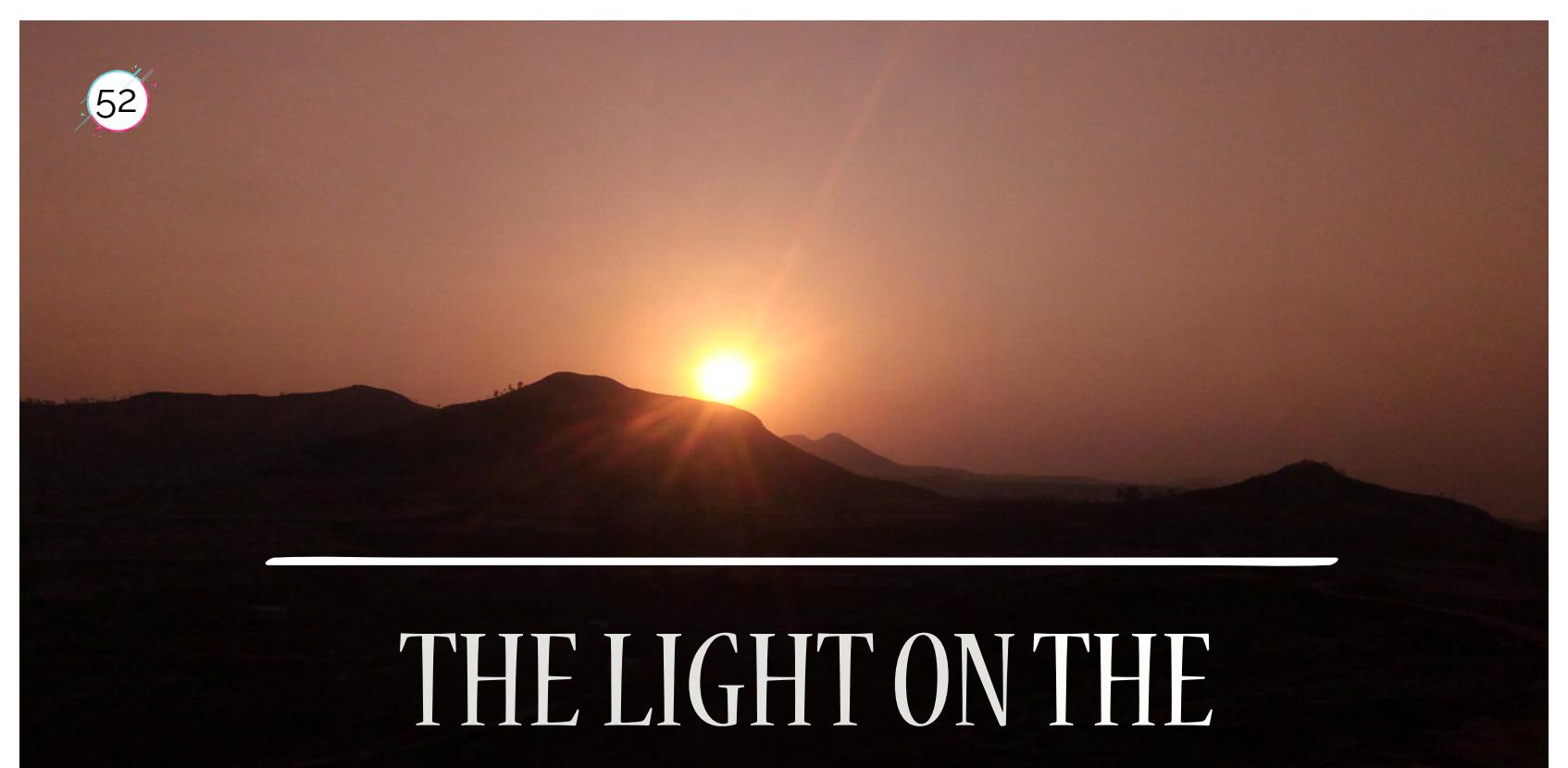
How will I face tomorrow?
At the crack of dawn,
I'll be on the rooftop,
Helpless, exposed and vulnerable
I can't complete this poem.
Yes, I'm not a poet
And definitely not a writer.
Just a girl with a lot of ideas
Unable to channelize them on paper.

So I'll let the first light in,
When my life was black,
To shower me golden

So much to say and no one to listen
The universe is aligned in a way
So as to let me know
Take my word for it.
I'm not a romantic,
Colour me a fatalist!

Shourya Singh, Semester II
(Civil)

UNFINISHED



THE LIGHT ON THE DARK SIDE

Masroor Rizvi/B.TECH Mechanical/Sem-6

I work as a daily wager.
Eager to meet my needs.
To bring back bread.
For starving stomachs.
That wait back home.

I leave my home in tatters.
Everyday.
And that hurts the most.
All of the clothes shredded.
My child wears a bow anyway, always.
He got one from the mansion my wife works in.
He wants to be a mister.
And I can't be more sad to rejoice his dreams.
My mother can't see.
She does feel though.
And she keeps on weaving.
Sweaters in practical
where she yearns to weave
a better world for her children,
And for mine.

The builder who last recruited me has passed
away.
Good people have short lives.
I fear if it's good to feel that way.

So,
Everyday I leave with a heavy heart to get
back home with a heavy pocket.
They say money is nothing to run after.
I say, my wife crawls with the broom and a
wash bucket after it.
You can't understand how bad you need to
run unless you are made to crawl.

For today,
I have got work.
And a promise to be paid.
For tomorrow,
I hope it turns out
just like today it did.

The bricks are all
placed in their fixtures.
I have my voids to fill
for tonight.
To cement them up
and lay a foundation
for my young son
to water and firm.
He needs a suit too
to be a mister.

Out of all the people I have known
 I have never really known anyone
 except my mom
 and she knows me better
 than I know her
 I think people
 all of them
 have layers
 and the innermost layer
 is often never shown to anyone
 like the time you stopped being friends
 with your school best friend
 you were just trying to see
 if you felt anything
 and you didn't
 the layer underneath shrugs off pain
 the mask embraces it
 and parades it in crowded streets
 with a vulnerable story to go along with it.

So you will tell about your masks to
 someone
 That no one cares about the layers
 And you'll talk about the time
 When your Grandpa died
 When you were seven
 So that the stories sadness transcends
 into
 A smoke of happiness
 Your mask saves you, again
 Your layer laughs at the listener
 "Easy, peasy", it whispers.
 The layer makes you do terrible things
 So that people embrace your masks.
 Because people only want to see your
 masks
 Never your layers.
 Never your layers.



OF LAYERS AND MASKS

Shobhit Srivastava, Semester - VI
 (Electronics & Telecommunication)

Long past the ice
A knight rode through.
His mane grew enough
to be a great grass sea,
Lustrous and dense;
Though light as air,
Ostensibly fragile like water,
Could break with a kiss of breeze.
A beauty that would never seize.

Then came the war.
The days were long,
The nights were longer.
But he stood tall
Fought with valor.
Drenched in the blood
of his fearsome brothers.



He knew nothing, not even his name.
Only the fact that human were murderers,
Couldn't forget the sight, his cronies' pain.
Some missed an ear, some missed an eye

Some could not stand,
But their broken limbs did never deny.
Some missed their fathers, some their life.
War had taken everything that was once beside.

That night he cried.
Nay because of his pain,
But because he survived.
His life had surmised.
He felt like losing his mane.
His meaningless pride
Seemed to have dimmed.

He wished for a world
Where he could trade tears with happiness.
Tears!!!

That's what he had in plenty.
He wished not for a world
Where he traded bravery with demise.
Demise!!

Demise, alas!
That's also what he had in plenty.

THE MANE

SATYARTH SINGH
B. TECH MECHANICAL
SEM-6

AN INSIGHT

Shreya Saraswat
3rd year
Electronics

Like any other elderly person, I was reading the newspaper in my lawn. I noticed them everyday across the street. Silly little beings. I never liked them. They were always playing and chattering noisily. In contrast, I am a composed being. Every person in the house was always talking or playing, even the grandparents! Atharv, the little four-year-old, was so loud that his voice seemed to hammer nails on to my head! His father's visit only aided and abetted their chattering. Whenever he would get days off his duty as a Major in the Indian Army, he'd come home to his family. I was pissed because they were being so loud. After two weeks, he would return to his duty and my solace would return to me. Finally, some well deserved silence.

Little did I know that this was going to be the last time they would annoy me. Isn't it funny how we have no idea when would be the last time we meet somebody? We don't realize how much they touch our lives until they are gone. The news came.

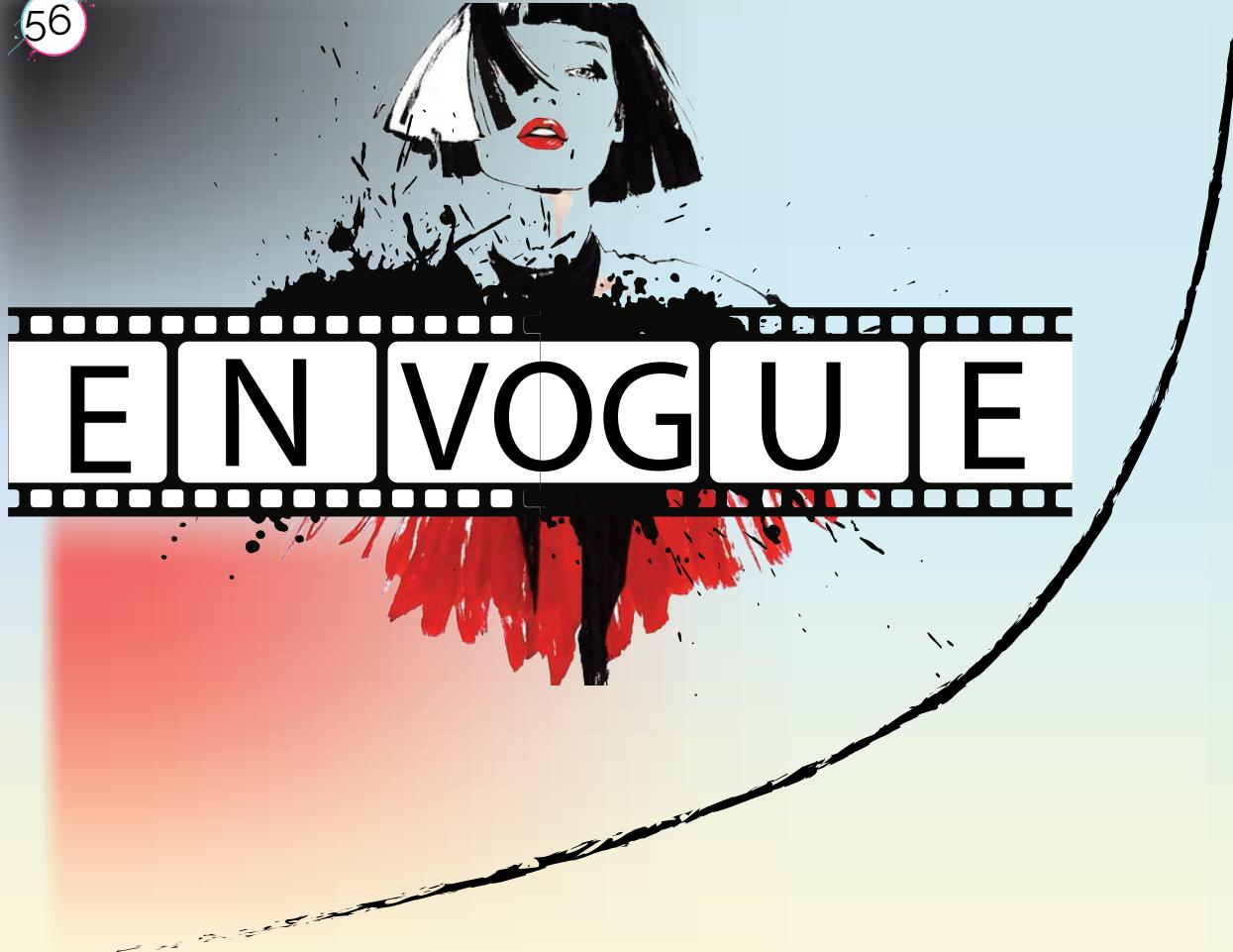
Suddenly, I longed for the chatter I'd come to hate so much. The house fell silent. Nobody spoke anymore. The stubborn father who never shed as much as a tear in public, sobbed uncontrollably clutching his dead son's photograph. Some cowards had martyred his son. He wanted to think that his son died for the nation. But in the end, he is a father. He'd just lost a part of his kin because some ratbags couldn't get their life right and had to poke people in the name of Jihad. Post denial, he is now choked with grief and vengeance.

The mother, who had just lost a part of herself, couldn't stop weeping. She couldn't see her son for the last time for his face was now indistinguishable. They had blown him into pieces. She knows he died for the nation but this doesn't cater to her loss.

His wife, she is not crying. She is sitting on the window sill, apathetic. She cannot cry. She is a martyr's widow. She chose this life as a Major's wife. She always knew that someday, something will happen. He deserved more. He deserved to fight. He deserved to be given a chance. Some coward just came and blew everybody. That is not how a soldier deserves to die. He didn't die in the line of duty. He wasn't given a chance to defend himself. This was unfair.

His son doesn't know what is happening around him. He is just running from his mother to his grandfather, to his grandmother, asking questions. "Why are you crying?", "Where is Papa?" He doesn't get any answers, unable to understand why.

As of me, I hope the people responsible for this pay for their sins. I hope that they get what they deserve. I hope they realise that they have destroyed countless families and I hope they die in the worst way possible. These people didn't deserve this. The soldier didn't deserve this.



The word, 'fashion' is quite clichéd and has become banal over the course of many years. Its significance however, has been dynamic ever since its evolution. 'Fashion' means 'trend' or 'change'. Change is something which is as essential for survival as the other necessities of life- be it eating habits or adapting to different surroundings, even the art of dressing. It's all about accepting the change.

Speaking of the art of dressing, it might just be considered as one of the most popular parts of this change. The trend of clothing, footwear, lifestyle, accessories, makeup, and hairstyle is found to be appealing by folks of all ages. It is a way of styling oneself according to the prevailing drift, and also brings out novel and imaginative creations which are universally accepted.

As it goes with everything, fashion too has undergone a massive transformation since its creation. The earliest day saw men and women covering themselves up as a need. It was not until the mid-19th century, that clothes were properly sewn to be 'ready to wear'. After the introduction of various styles, designers introduced multiple fashion houses.

The Victorian English style, which was characterized by traditional ball gowns, corsets, hats, gloves and other ostentatious items, was a classic. They were a display of the extremely wealthy, mannered and posh lifestyle. During the war, the styles changed. The clothes all around the globe were simple and sober as it was a time of adversity. Then came the French Revolution, which can truly be regarded as the golden age in the history of fashion. It was during this period that the puffy and pretentious lady-like gowns were replaced by more masculine dresses. Practicality fought its way through the society, as did the women. The sense of fashion through the 70's to the 80's was bold and flashier than ever before. Sequins, bell bottoms and buckles, describing the typical disco theme, were a huge shout out among the local public. The 90's and the 2000's were all about the comfort. Denims took over the entire industry. Besides looking outstanding, they were also comfortable. They were revolutionary and remain the most popular kind of apparel to this day.

The present day witnesses the peak of the trend culture, which is hugely influenced by the Western urbanity. Fashion designers such as Louis Vuitton, Coco Chanel, Versace, Christian Dior, and Ralph Lauren among numerous others have made the fashion industry reach new heights. Today, it's not just about flaunting, it's about finding one's unique style. The industry is expanding at an enormous pace and the bar is being raised by the minute.

Pranchi Singh, Semester VI
(E&TC)

However, the ever-changing styles would have been useless if the public had not been ready to accept them. Social media has also made a huge impact in this chaos of trendsetting. An example could be fashion magazines such as 'Vogue' and events like the New York and Paris Fashion weeks.

Fashion, however small the word may seem, goes way deeper into the concept of change in terms of meaning. It primarily means to express oneself through the fusion of apparels so as to visually describe one's individual persona. Through the years, fashion has been fluctuating according to the period, situations and even people themselves. The appearances have changed, be it traditional or modern, but the thought behind it never has. The basic idea, to this day remains, that it is the way of voicing one's identity without having to speak.

"Fashion is the armor to survive the reality of everyday life."

—Bill Cunningham

THE CORE OF LGBT: SECTION 377, INDIA AND BEHAVIOUR



LGBT is an abbreviation that stands for lesbian, gay, bi-sexual, and transgender. The LGBT community began growing in the mid-to-late 1980s, and the abbreviation was used to supplant the term 'gay'. During the same period, on the other side of the world, Section 377 was introduced in the Indian constitution. Enacted in January 1862, the Indian Penal Code criminalized consensual sexual acts between adults of the same gender.

After a civil fight that lasted more than 3 decades, the whole issue was re-opened in July 2018. A Constitution Bench, driven by Chief Justice Dipak Misra concurred by saying a segment of individuals couldn't live in dread of the law which decayed their rights to their own decision, security, and nobility. After much deliberation, the following law was passed in the final verdict:

"LGBT Community has same rights as of any ordinary citizen. Respect for individual choice is the essence of liberty; LGBT community possesses equal rights under the constitution."

The sad truth, however, remains to this day, that even though the law has accepted this community and allowed all individuals to live with dignity, the citizens of India are having a hard time coming to terms with the reality of the situation.

Somewhere along the line, people have blindly accepted the fact that two people belonging to the same gender cannot possibly have a relationship of the sort, and are living in their bubble to this day. They have altered the environment of acceptance into one of heartless insults and taunts.

Parents are often worried about their own children coming out as gay, or lesbian, as they perceive it as 'unnatural'. They are not willing to accept them as they are, but want to change them so as to be able to mould them into what society accepts and respects. They do not care for their own child's life but compromise it for the sake of keeping up their reputation.

The solution here lies within admitting, and supporting their family as they are. By spreading awareness through the different social media platforms, one can only hope that the future holds a more welcoming environment and mentality for those identifying themselves as a part of the LGBT community.

- Shantanu M. Mishra
Computer Science, 2nd year.

Dear Underdog,

This is to you.

The you who's had a rough week. The you who's about to stop running. The you who's about to give up.

This isn't a sprint and you know it. In this marathon of life, you're not only against the distance, you're against everyone who thinks you can't. The people who have this preconceived notion in their minds that you've already lost, all you have to do is to prove them wrong. Erasers aren't made for those who make mistakes; erasers are made for those who are willing to correct their mistakes. It's the perspective that matters.

You say that you've always played by the rules. But that's the thing you're about to find out, this isn't a game. Yes, you will have dark days, days where you don't feel like an underdog, but a loser. Nothing more, nothing less. The dream is free, love; but the hustle is sold separately.

You have pretended to be happy when you were sad; you have pretended to be strong when it hurt like hell. And your record for having survived bad days has been 100% so far, and that's pretty damn good.

Yes, you are an underdog, if that's the term they'd like to use. But guess what? underdogs can think outside the box. They can figure out the solutions to problems others don't even acknowledge. That's because there's no fear here, the fear about the aftermath of losing. Because every naysayer has ensured that the underdog already thinks they're going to lose. They have predicted and preached this to an extent where it's believable. In one way or the other, these critics have been training you for victory all along. They have sharpened your knife for you. You wake up to the chill of what could be if you fail to live up to their expectations, but they've been underestimating you for way too long.

Now, it's your time to shine.

To quote the dictionary, an underdog is one who's at a disadvantage. But it's your paradise after all, isn't it? You can choose at your free will- own it, control it, or lose yourself in it.

You're not an echo to be ignored, but the voice that's loud enough to reach everyone's souls. The wave of ice-cold air that's going to break the mirage of daydreams.

-Taru Uppal

CSBS

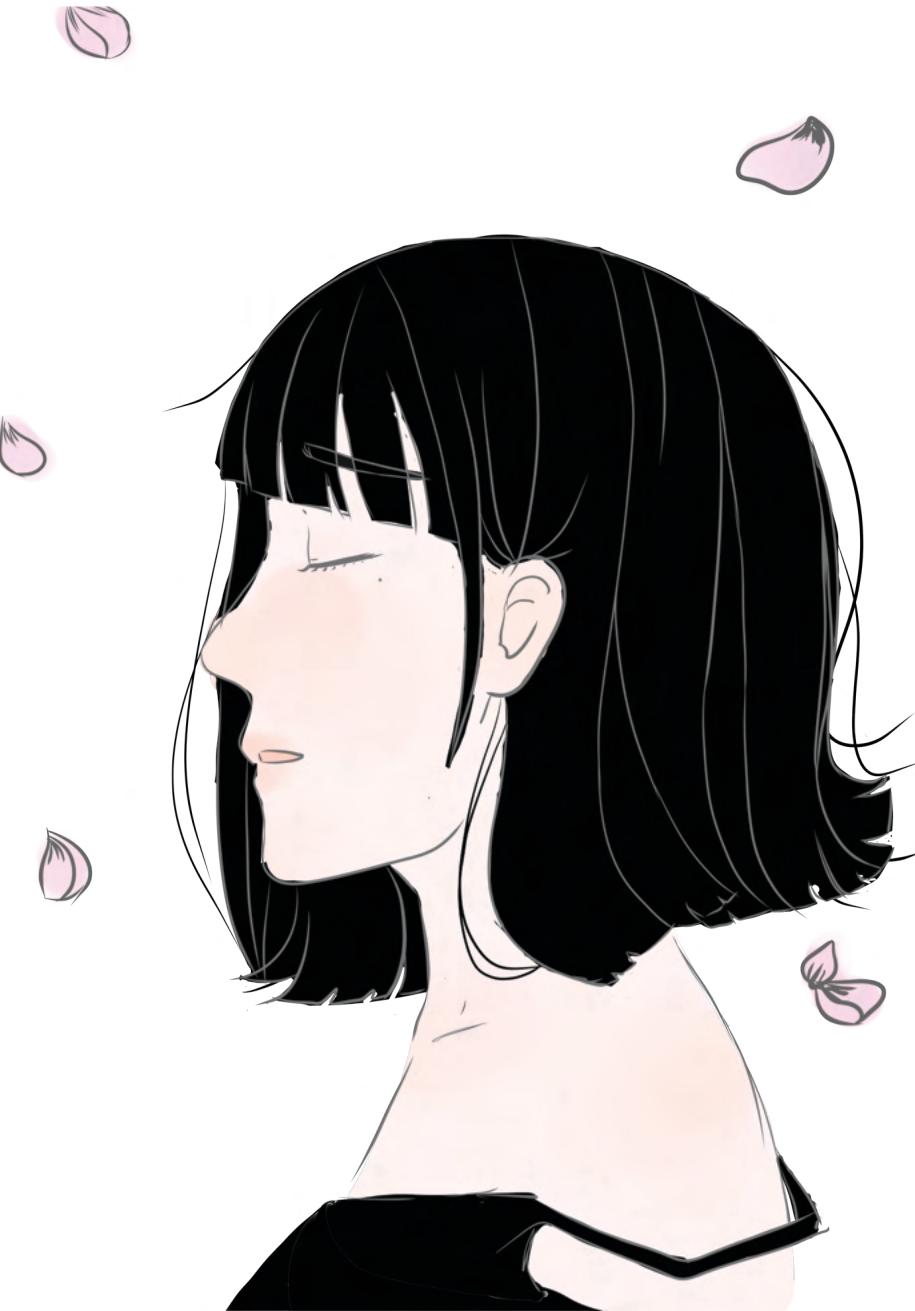
First Year

Dis advantage

Our eyes met for the first time like two comets crashing into each other. Mine invariably precise, serious and attentive, and hers captivating and ridiculously beautiful. There are times in life when you know that there is no requirement for words to understand someone. A glimpse will become a eulogy and the moment I laid my eyes upon her, I knew her. The only advantage I had was that she did not realize that I could read her. The human face is the most eloquent book there is. People generally are of two kinds, the ones that exhibit perseverance in the battle of the mind, and the ones that give in to the pull of the body. The latter always become pawns in the charm of the former.

Rohila Dsouza, 24, in luscious red dress, was the source of attraction in the gala dinner I was invited to. Men dressed in tuxedos, fine watches, and spotless shoes, carrying their zippo lighters were flocking around her like pigeons, trying to get a glimpse, spark a conversation, or hand her a drink. She held her cigarette in her left hand which had lean fingers fashioning a diamond ring. The fingers grew into her nails which were painted black and the thread of thin smoke joined the smoke surfing out of her peculiarly puffy lips. Lips which were supported by lean cheeks, suggested she ate with care, or that she had issues. Her eyes, bright and attentive while at the same time having a certain ease about them.

Her loose hair in all its perm added to the perfection of her class and the way she held her wine screamed out that she had a very peculiar upbringing which involved a lot of table manners and fake smiles. In the crowd she was shining like the moon in a sky full of stars. And like the moon, she seemed lonely which was terrifying in her own way. Her concealed dark circles made me see the artist in her instantly.



I was engaged in common talk with my acquaintances, I would not call them friends, it was then that our eyes met, as she boringly turned away from a bragging businessman, our eyes locked into each other like they have formed a portal to our heart and they remained like that for a few seconds. That was enough to plant the seed of attention in her heart. I did not look at her for the rest of the party. I knew way too well she had many options around her. She enjoyed the pleasure of making men chase her and was not going to fall for any. It was like she enjoyed making them suffer for the fact that they could not have her. She enjoyed triumph over men, and I was not going to give it to her. I did not look at her after that, a band started playing music, a mentalist performed some tricks, and people were gradually getting drunk. After an hour, I allowed myself to look at her again. It did not take long for her to notice and it felt like we were the only ones there. I could see a sense of achievement on her face when she caught me staring. I smiled at her like I knew what she was doing, she looked away.

After a while, she got up and walked towards the washroom, passing through the kind greetings and turning heads, I waited outside the washroom for her to come out. We were the only ones there. There was tension in the air. She wanted me to make my move, so she could finally have her way by ignoring me. We were close to each other for the first time and I looked at her and spoke softly,

"You're in my way." Her eyebrows slightly raised as she was not expecting that. There was a flush on her cheeks and she made way. That was the last time I interacted with her. When she was about to leave, her eyes silently scouted for where I was. I caught her searching for me as she stopped meandering and caught sight of me. I left before her.



Ruth of Minerva

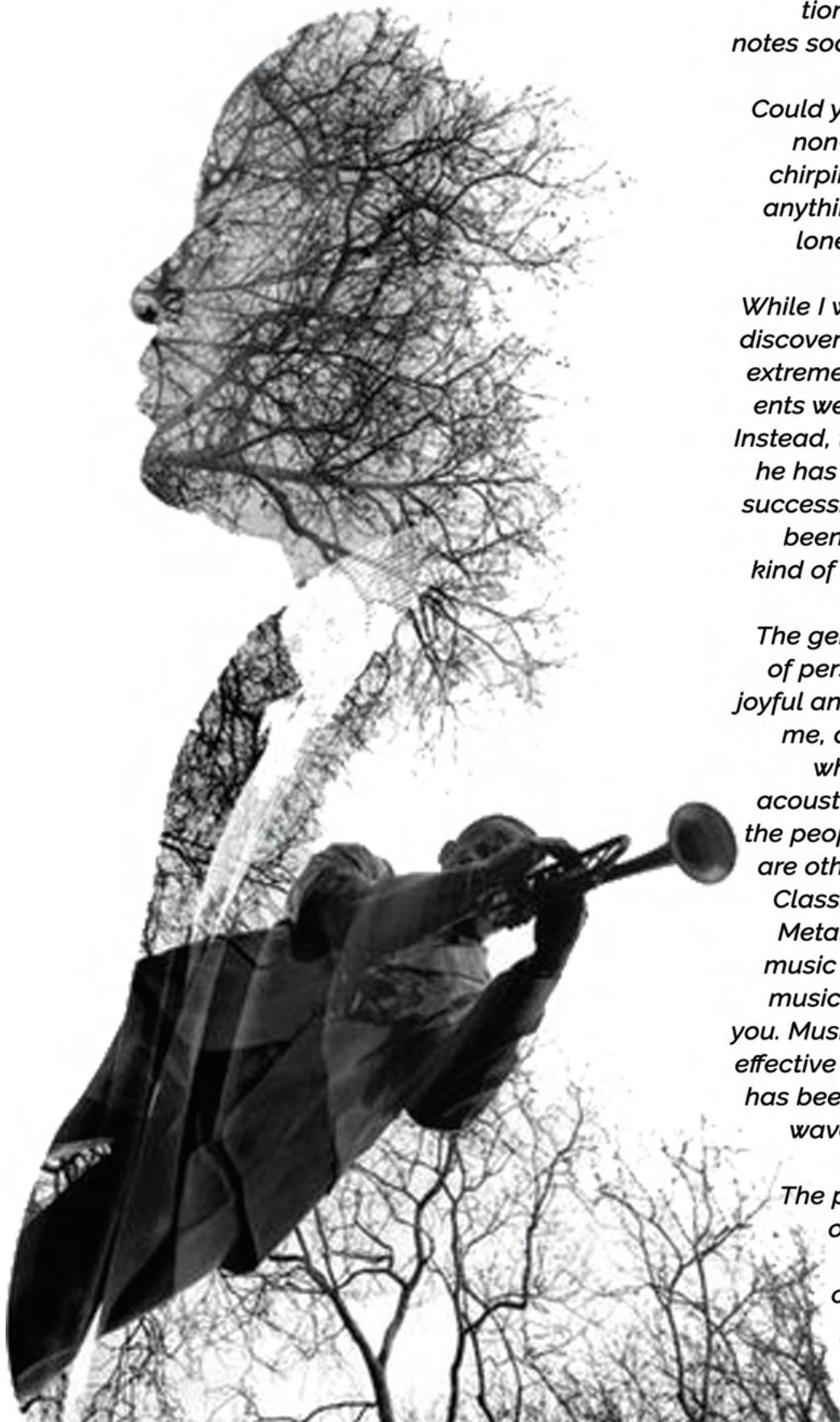
Kuldeep Gupta

Sem - 4

Electrical

The Power of Music

Akhil Kumar Singh, 1st Year,
Mechanical Department



Music, this five letter word has so much power in it. It creates an endless bridge between me and my imagination. Music connects me to a world of fantasies and emotions that enables me to fly with those notes soaring high as the music reaches its chorus.

Could you imagine a world where music is non-existent? Where there are no birds chirping and you are not able to listen to anything people have to say. You will feel lonely despite a lot of people standing around you.

While I was reading about Albert Einstein, I discovered that when he was young, he did extremely poor in academics. Albert's parents were advised to get him a labour job. Instead, they bought him a Violin. Whatever he has achieved, music was the key to his success. This seems implausible, but it has been proved scientifically that a certain kind of music helps our brain function in a better manner.

The genre of music well defines what kind of person you are. If you listen to upbeat, joyful and pop music, bingo! You're just like me, an extrovert who enjoys music anywhere and anytime. Or if you listen to acoustic and slow music, you're similar to the people who get into the feel of it. There are other genres that people love such as Classical, Hip Hop, Blues, Country, EDM, Metal and the list goes on. I believe that music is the best mood regulator. There's music for every kind of mood curated for you. Music acts as an energy booster and is effective in eliminating anxiety and stress. It has been noted that music alters our brain wave patterns and keeps elevating our mood.

The power of music is immense, makes one feel free, helps people tell their stories and influences people by coming an anthem of change. Well, for an avid "music listener" like me, music means everything and it personifies my emotions.

हिंदी अनुभाग





प्रौद्योगिकी

सूरज की पहली किरण ने जब धरा को स्पर्श किया तब कौन जानता था ,मनु और सतरूपा की संतान चाँद तक पहुंच कर हजारों अविष्कारों के जनक बनेंगे । और उसका अंश बनेगा प्रौद्योगिकी । और इस वर्तमान युग में जहाँ लोग श्रम के स्थान पर यंत्रों का उपयोग तथा दिमाग की जगह गूगल का उपयोग करते हैं, क्योंकि मानव भोग और विलास में ज्यादा विश्वास रखता है । ये दुनिया जहाँ व्यक्ति किताबों से ज्यादा वक्त कम्प्यूटर के साथ बिताता है एवं व्यक्ति लोगों से बात करने से ज्यादा वक्त सोशल मीडिया में नये मित्र बनाने में व्यतीत करता है । इस दुनिया में जहाँ हर व्यक्ति अनेक प्रौद्योगिक यंत्रों से घिरा हुआ है, न चाहते हुए भी दिमाग ये सोचने के लिए विवश हो जाता है की आखिरकार हम इन यंत्रों के चालक हैं या ये हमारे क्योंकि चाहते हुए या न चाहते हुए भी हम इन यंत्रों के इतने आदि होते जा रहे हैं की कहीं न कहीं खुद को ही हानि पहुंचा रहे हैं । हर व्यक्ति को इन उपकरणों की इतनी लत-सी पड़ गयी है की इनके उपयोग के बिना पुराने तरीके से किया गया काम बहुत थकावट भरा लगता है । यही कारण है की दुनिया के ज्यादातर लोग आलसी हो गये हैं तथा बहुत सारे लोग किसी न किसी बीमारी से ग्रसित है ।

प्रौद्योगिक यंत्रों का अत्यधिक उपयोग न सिर्फ हमारे शरीर में आलस्य बढ़ा रहा है बल्कि हमारे सोचने और समझने की शक्ति को भी प्रभावित कर रहा है । इन यंत्रों की वजह से ही कितने श्रमिकों की रोजी-रोटी छिन चुकी है, क्योंकि अब मानव श्रम से ज्यादा उपकरणों द्वारा किए हुए काम को महत्व दिया जाता है । मेरे मुताबिक किसी भी नयी चीज का उपयोग गलत नहीं है पर उसका अत्यधिक उपयोग गलत है । आखिर समय आ गया है कि मनुष्य विचार करे की आने वाले समय पर उसका आधिपत्य होगा या प्रौद्योगिकी का अगर मानव प्रौद्योगिकी पर नियंत्रण नहीं रख पाया तो प्रौद्योगिकी मानव पर नियंत्रण रखेगी जो मानव जाति के विनाश का कारक हो सकता है ।



शहादत

एक और तारीख, एक और दिन और कुछ और जवानों की शहादत और शहादत भी ऐसी कि देश ठहल जाए और हर व्यक्ति के ज़हन में ये सवाल छोड़ जाए कि आखिरकार ये एकतरफ़ा युद्ध कब तक चलेगा, कब तक हमारे वीरों की वीरता ऐसे कायरों के आगे दम तोड़ने को मजबूर होती रहेगी। ऐसे कायर जिनकी हिम्मत व ज़ज़बे ने घुटने टेक दिये हैं हमारे वीरों के आगे, ऐसे कायर जिनमें सामने से बराबरी की लड़ाई करने का दम तो छोड़िए उन पीठ पीछे किये गये हमलों की जिम्मेदारी लेने का भी साहस नहीं है, कब तक हमारे जवान ऐसे कायरों के कारण शहीद करार किये जायेंगे, आखिर कब तक।

१४ फरवरी २०१९ को फिर से एक ऐसा ही हादसा हुआ, जिसमें एक विस्फोटक सामग्री से भरी गाड़ी का इस्तेमाल किया गया, जिसमें भारत ने फिर से अपने ४४ जवान गवां दिए और देश के न जाने कितने घरों ने इन वीर जवानों के रूप में अपने बेटों, भाइयों अथवा पतियों को खो दिया, जो हम देशवासियों के लिए अपना घर, अपने लोगों कों छोड़कर अपने कार्यरथल की ओर जा रहे थे। उन सीआरपीएफ के जवानों को तो उम्मीद भी न होगी की ये शहीद की पटवी उनके कर्मसूल से पहले ही उनका इंतजार कर रही होगी।

हर बार की तरह काश इस बार भी यह शहादत महज़ पन्नों में न रह जाए, काश यह महज एक शियासती उथल-पुथल बन के न रह जाए, बल्कि ऐसा उदाहरण बने की हर कायर डेरे ऐसे कायरपूर्ण हमले की महज़ कल्पना से भी।

उम्मीद है कि,
उनकी हर कुर्बानी को जवाब मिलेगा,
उन वीरों की वीरता को प्रमाण मिलेगा ,
जो मिट गये देश के नाम,
उन जवानों कि बेबस मौत को इंसाफ मिलेगा।

श्रेयसी पाण्डेय

सत्र - 4

| नीमटीसि



संविधान

भारत, इस विश्व का सबसे बड़ा लोकतंत्र। हमारी मातृभूमि, हमारे देश की यह पदवी, उसका यह सम्मान अति प्रिय है हमें, हृदय गौरवान्वित महसूस करता है यह सुन कर और इसका आधार हमारा संविधान है।

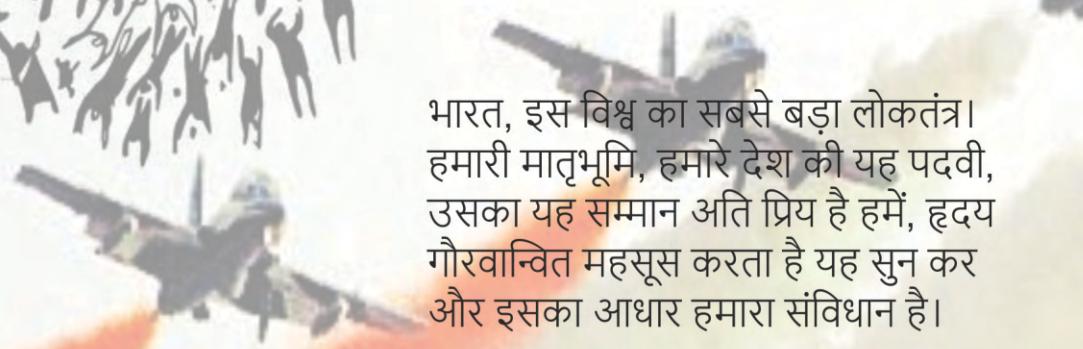
संविधान जो प्रतीक है हमारे लोकतंत्र का, आज़ादी का, अधिकारों का। जिसने इस देश को एक सूत्र में पिरो रखा है, अखन्ड राष्ट्र बना रखा है। यह वह ग्रंथ है जिसका स्थान सबसे ऊँचा है इस देश में।

कितना ही सुंदर चित्रण है ना यह, पर क्या यह सत्य है?

इस देश के मंदिर अर्थात् संसद में खड़ा है संविधान परंतु निर्वस्तु।

जी हाँ निर्वस्तु, लाचार, कालिक व कीचड़ में सना हुआ। प्रतिक्षण यह संसद उस पर कालिक पोत रही है। वही संविधान जो न्याय है, कानून है, पहरेदार है इस लोकतंत्र का उसी की इतनी दयनीय स्थिति कर रखी है हमने। हाँ ये वही संविधान है जिसकी कसमें खाते हैं सब, जिसका गुण-गान करते हैं सब।

सबसे हैरानी और चिंतन का विषय तो यह है कि इस स्थिति में भी जनता मौन साथे और सत्ता हाथ बांधे बैठी है। इसके महत्व की बात तो दूर, अपमान की पराकाष्ठा पार कर दी है हमने। संविधान जिसकी उपेक्षा होती है, अपमान होता है, अवहेलना, तिरस्कार, अवज्ञा, उपहास, निरादर व जिसकी खिल्ली उड़ाई जाती है, जिसका अपहरण होता है, चीर हरण होता है, बलाकार होता है, और हम इसे नजरअंदाज कर देते हैं मानो बस उसकी मृत्यु का इंतज़ार कर रहे हों।



जब-जब मातृभूमि के ऊपर धर्म, राजनीति, व स्वार्थ उठता है तब-तब संविधान की मृत्यु होती है। वृक्ष को काट कर जलाने वाला व्यक्ति भी उसके फलों को संजोह कर रखता है पर हम कुमार्ग पर इस तरह अंधे हो कर चल रहे हैं कि, हमें अपना ही सर्वनाश नज़र नहीं आ रहा।

जिस भारत का वर्णन, विवरण व चित्रण मौजूद है संविधान में, जिस भारत का स्वप्न देखा था स्वतंत्रता सेनानियों ने, जिस राष्ट्र की उम्मीद की थी और जो राष्ट्र हम ने निर्मित किया है वह पूर्णतः भिन्न है। उन्होंने संविधान की रचना की ताकि देश उत्थान की ओर अग्रसित हो पर हमने इसे पतन की ओर धकेल दिया। न जाने हमें संविधान का स्मरण मात्र तब क्यों होता है जब हमारे साथ अन्याय हो रहा हो।

मैं यह भी मानता हूँ कि सिर्फ भक्षक ही नहीं रक्षक भी हैं मौजूद संविधान के, पर वह स्वयं न्याय, धर्म, व संविधान की नीतियों में उलझ गए हैं। उनकी हालत ठीक उसी प्रकार हो गयी है जो पितामह देवव्रत भीष्म की व गुरु द्रोणाचार्य की थी। वह दोनों न्याय, सत्य व धर्म तो जानते थे पर अपनी ही प्रतिज्ञाओं, संकल्पो व व्यक्तिगत धर्म के कारण उसका साथ नहीं दे पाए।

मेरा यह मानना रहा है कि देश हमेशा धर्म से ऊपर रहता है और इस ही आधार पर इस देश का धर्मग्रन्थ “संविधान” का दर्जा हमारे सांप्रदायिक धर्मग्रन्थों गीता, कुरान, बाइबल आदि से ऊपर है पर विडम्बना तो देखिए अगर हमारे सांप्रदायिक धर्मग्रन्थ पर कोई प्रश्न उठाए तो हम संविधान को नकार देते हैं पर संविधान के मान व मर्यादा के खातिर कभी सांप्रदायिक धर्मग्रन्थ को नहीं नकारते।

इतिहास उठा कर देख लीजिए कितने ही साम्राज्य सैकड़ों वर्ष तक रह कर ध्वस्त हो गए और हमें तो अभी आजाद हुए मात्र कुछ वर्ष ही हुए हैं। जिस दिन संविधान की मृत्यु हुई, समझ जाइयेगा इस देश के बिखरने का समय आ गया है।

-विभव बाजपेई
आई.टी. सत्र IV

कालचक्र

-Arundhati Dogra

सत्र - 2

इलेक्ट्रिकल

जब वह सफेद कपड़ा जो उस प्यारे से चेहरे को ढक रहा था,

एक हवा के झोंके के साथ हल्का सा उड़ गया,
मेरी आँख नम सी हो गई , दिल में मायूसी छा गई और
एक अजीब अकेलेपन का एहसास हुआ। वो सफेद बाल
, चेहरे पे झुर्रियां , वही सांवला रंग सब वैसा ही था बस
फिर भी सब अलग सा मालूम होता था। शायद उनके
चेहरे कि वह मुस्कान गायब थी , जिसके साथ कल रात
वह मुझे शुभरात्रि कहने आई थीं , या फिर आँखों की वह
चमक जो मेरी हर सफलता में झलकती थी। एक
पछतावा सा महसूस होता था की कल रात उन्हें अपनी
बेख्याली को छोड़ कस के गले क्यों नहीं लगा लिया।
क्यों कल स्कूल से आने के बाद उनके पास बैठकर
उनके लड़कपन की कहानियाँ नहीं सुनी। अभी तो वह
मेरी कई सफलताएँ और खुशियों के बारे में जानती भी
नहीं । जब मैं उनके मेरे कमरे के दरवाजे पर खड़े रहने
को नज़रन्दाज अपनी फ़ोन की स्क्रीन में व्यस्त थी, क्यों
मैंने उनकी मुस्कान को आखों में भरने के लिए अपनी
नज़रें नहीं उठाईं । पर अब कोई कर ही क्या सकता है।
कालचक्र सदा चलता ही रहता है। कपड़ा फिर से उनके
मुँह पर डाल दिया गया।

ज़िन्दगी - एक राह

एक अनजानी सी राह है ये, कभी धूप सी निराश तो कभी
छाँव सी आस है ये,
हर ठोकर के बाद भी जो दौड़ सका उसका इतिहास है ये।

जीवन है ये इसकी लड़ाई लड़ना सीखो,
हार कर भी आगे बढ़ना सीखो।

कुछ खो कर बहुत कुछ पाने का नाम है ज़िन्दगी ,
संघर्ष के बिना एक अधूरा सा मुकाम है ज़िन्दगी ।

कभी सुखों का त्योहार है तो कभी दुखों की बौछार है,
फिर भी हर हाल में आगे बढ़ना ही तो जीवन का आधार है।

दुख में भी जो खुश हो ऐसे वीर बनो तुम,
डर भी तुमसे डरे जाए इतने गंभीर बनो तुम।

हर तूफान से जो लड़ जाए ऐसे धीर बनो तुम,
अपने जीवन की तुम राह मोड़ सको ऐसे राहगीर बनो तुम।

डर डर के ही है जीना तो जिंदगी बेकार है,
हार से मत डरो वो तो बस जीत के लिए एक ललकार है॥

श्रेयसी पाण्डे, सत्र - ४
ई एंड टी सी



जीवन एक मुसाफिर



यूं तो हम मनुष्यों को अपनी जिन्दगी जीने का मौका एक ही बार मिलता है, लेकिन जीवन में पूरे हर्ष और उल्लास के साथ जी हुई कुछ घड़ियाँ, कुछ पल ही हमें मरते दम तक याद रह जाते हैं और आखिरकार वही कुछ पल एक समझदार और सुलझे हुए व्यक्तिव वाले इंसान की पहचान बन जाते हैं।

नियति के अनुसार समय का कांटा कभी पीछे मुड़ के नहीं देखता अर्थात् एक बार जो समय बीत गया उसे वापस ला पाना अमूमन नामुमकिन है, तो क्यों न हम अपने अभी को इतना सजाते हुए एक सुलझी पहेली बना ले की कल को समझा सके की हमने अपनी जिन्दगी खुशी के साथ एक-एक पल को जिया है।

किसी भी खेल को खलने के लिए उसके अहम चरणों को समझना बहुत महत्वपूर्ण होता है और जो उसे सबसे अच्छे से समझ लेता है, आखिरकार जीत उसी की होती है।

कई बार इस जीवन रूपी खेल के चरणों की समझ के आभाव में लोग अपने आप से हार मानने लगते हैं और अपनी आपसी हार के कारण उसे दूसरों से कमज़ोर और नासमझ मान कर भुला दिया जाता है।

बड़े बड़े विद्वानों और महाकवियों ने भी इस बात की पुष्टि की है कि जीवन का सफर कुल ५ पड़ाव और चरणों में विभाजित है।

१.शिशु - जीवन की शुरुआत, माँ की कोख का इकलौता और जीवन में सबसे तेज़ बढ़ने वाले इस चरण में एक नवजात शिशु को उसके नामकरण से उसकी खुद की पहचान दी जाती है, चार साल तक चलने वाले जीवनकाल के इस पड़ाव को बहुत प्यार और दुलार के साथ-साथ तालीम और तवज्ज्ञों से तराशा जाता है, जैसे एक चाँद के टुकड़े को अपनी चांदनी बिखरने का मौका दिया जा रहा हो।

कुछ सरल शब्दों में शिशु काल जीवन का एक कोरा कागज़ होता है।



**“किसी की हार में ही किसी की जीत का राज्य छुपा होता है,
और किसी के मृत्यु में ही किसी के जीवन का आगाज़ छुपा होता है।”**

२.बचपन - शारारत, खेलकूद और बहुत सोझदमाशियों नादानियों से भरा बचपन जिसमें माँ-बाप की डाट में ही दुलार होता है, जिसमें सही और गलत का फैलामझाया जाता है नए लोगों से मुलाकात और अभी-अभी घर से बाहर निकलने की शुरुआत में तहजीब और तमीज़ की भी शुरुआत हो ही जाती है।

इस पड़ाव के अंत तक लोग अपनी समझदारी और चरित्र के लिए जाने जाते हैं, खूबसूरत मन के साथ साथ खूबसूरत सोच की भी ज़रूरत पूरी करने का सुनहरा वक्त बचपन को ही बताया जाता है। १३ साल में पूरा हो जाने वाले जीवन काल के इस चरण को हम सबसे सुन्दर और सार्थक समय के रूप में अपने यादों में हमेशा के लिए बसा लेते हैं, और बस मिसाल के रूप में याद रखते हैं।

३.किशोर - सबसे लुभावेन खूबसूरत, बाजुओं में एक नए ताक़त का अहसास, चेहे प्रभालग सी जग जीत लेन्वाली मुस्कुराहट और आँखों में एक अलग ही चमक जो किसी भी जीव को लभानवित करे साझे से २० साल तक चलेन्वाली इस चरण को जीवन का सबसे रंगीन और दुर्लभ समय में से एक बताया जाता है।

४.वयस्कता - जीवन के सबसे लंबे चलने वाले इस पड़ाव को जीवन क्रम का समय माना जाता है। इस चरण में ही इसान अपने लिए नहीं बल्कि अपनों को लिए जीता है। २५ से ४५ तक चलेन्वाली इस जीवन काल के पड़ाव में एक इसान आने परिवार और सम्मान के लिए जीता है, विद्वानों का माना है कि यह चरण ही जीवन के अगले पड़ाव की खुशहाली को तय करता है।

५.बुजुर्ग - जीवन काल का ये आखरी चरण जिसमें हम सब कुछ देख सकते हैं समझ सकते हैं लेकिन ज्यादा कुछ कर नहीं पाते, हालांकि लोगों का ये भी मन्ना है कि इस उम्र में कहीं हुई बात सबसे सही या बहुत गलत होती है।

५५ की उम्र से जीवन के अंत तक चलेन्वाले इस पड़ाव में ही जीवन में किये कर्मों के सकारात्मक या नकारात्मक होने का आभास होता है।

जीवन और बंजारा

जीवन उस बंजारे की तरह है,
जिसके सफर की शुरुआत उसके जन्म से है,
और मजिल उसेक्षत में।



नज़रिया

जिस आने वाले पल की तैरे मन में थी उमंग,
वयों मुझे बीते पल की उदासी थी।

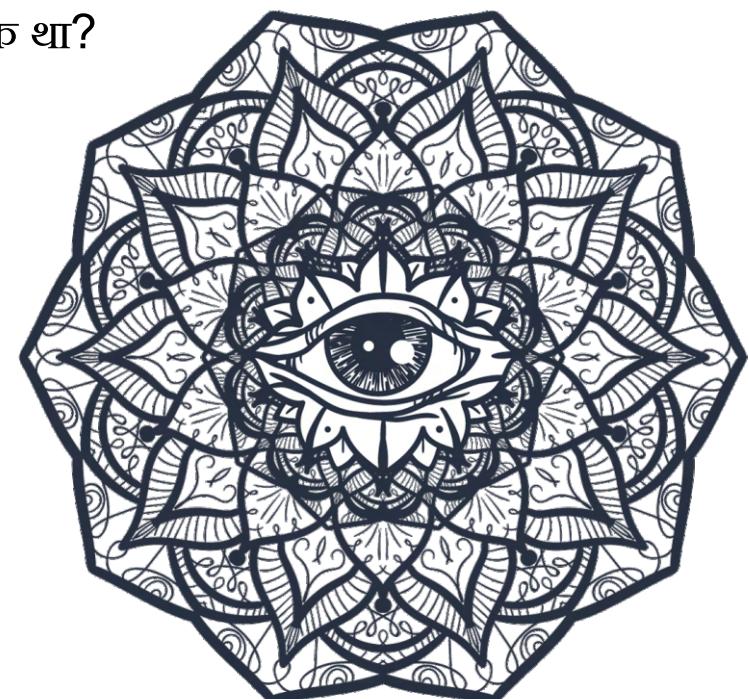
जिस दाग को मेरे दर्पण ने माना एक कलंक,
वयों वह काला निशान भी तैरे चहरे की चमक था?
सोचा मैंने कई बार...

वया था अलग हम में, वह क्या फर्क था ?
रह गई थी मेरी सोच उस समंदर के किनारे,
जिसकी लहरों से तेरी क़ृती का मिलन था ।

कुछ न होकर भी पाने की चाह थी तुझे,
सबकुछ होकर भी मुझे खो देने का डर था ।
मुश्किलों से लड़ा जिस जोश से तुमने ,
जिनका सामना कर पाना मेरे बस में न था ।
सोचा मैंने कई बार...

वया था अलग हममें, वह क्या फर्क था ?
बात थी नजरिए की, फर्क बस वहीं था,
जो मेरे लिए थी मिट्टी, वह तेरा साहिल था ।

अभिमा अग्रवाल
ई एड टीसी
सत्र-4



जिस दाग को मेरे
दर्पण ने माना एक कलंक,
वयों वह काला निशान
भी तैरे चहरे की चमक था?

कहानी कुछ ऐसी भी

कभी हँसा दती है,
तो कभी रुला दती है

कभी खुशी से आँखे नम करती है,
तो कभी दुख से भर दती है

जीने का ज़ज्बा दिया करती है,
तो कभी साहरा बन अभिलाषा बन जाती है

कभी मन में भगवान के प्रति श्रद्धा दती है,
तो देश के लिए मर-मिटने की ताकत बन जाती है

एक कहानी न जाने क्या-क्या सिखा दती है।

कभी असफलता में सफलता ढूँढ़ना सिखाती है,
तो कभी नफरत में प्यार।

भदे भाव के असमंजस से दूर कर एकता की दुनिया दिखाती है
एक कहानी उस कॉफी के प्याले से प्यार बन जाती है

इस सावन के बारिश में बूंदों की तरह कुछ मिठास सी लग जाती है
और कुछ इन कागज के पन्नों में इतिहास बन जाती है

कहीं छुपी एक कहानी आपकी भी,
कुछ कहना चाहती है, कुछ सिखाना चाहती है

-आयुषी शर्मा

सत्र - 6
केमिकल



मेरा अग्नि-विवेचन

आशीष मिश्र
इलेक्ट्रॉनिक्स
सत्र-2

ज जाने किस चीज़ की तलाश में, मैं खुद को गवाँ बैठा हूँ ,

अपने सामर्थ्य को ही अपना दुःमन बना बैठा हूँ |
इतनी प्रबल इच्छा शक्ति के बावजूद एक निरर्थक की आंति जी रहा हूँ मैं ,
ज्ञान समंदर सा रखा हूँ, फिर भी अज्ञानता का विष पी रहा हूँ मैं |

सब कुछ जान के भी खुद को बेवकूफ बनाता हूँ ,
अपने काम से भागने की रोज एक नयी तरकीब लगाता हूँ ,
साधन उपलब्धि के बावजूद खुद को लाहार बना बैठा हूँ ,
,
शायद इसी कारण से जीवन में अन्धकार फैला बैठा हूँ |

न जाने किस चीज़ की तलाश में मैं खुद को गवाँ बैठा हूँ ,

अपने सामर्थ्य को ही अपना दुःमन बना बैठा हूँ |
पर अब नहीं, अब खुद से ही लड़ना होगा मुझे ,
अपने विचारों को अपने वश में करना होगा मुझे ,
अब इस लड़ाई को अंजाम तक पहुँचाऊँगा ,
अब खुद को ही इस काबिल बनाऊँगा ,
अब कुछ इस कदर होगा ये रण मेरा या तो मिशाल बनौँगा या फिर इतिहास कहलाऊँगा |

अपने वित को युद्धस्थल बना एक रण छेड़ बैठा हूँ ,
जीतने तक वैन से नहीं बैठूँगा ऐसा प्रण कर बैठा हूँ ,
होगी जीत तो लहरायेगी चारों ओर जीत का परचम मेरा ,
अब इस युद्ध के नाम जीवन का ढर कल क्षण कर बैठा हूँ |

वो माँ है साहब कहाँ हार मानती है

जब भी मैं बीमार हो जाऊँ , वो बार-बार नजरे उतारती , दवा खिलाती , अपने आँचल में सुलाकर आँसू बहाती
वो माँ है साहब कहाँ हार मानती।

मेरे एक तकलीफ पे वो सारी दुनिया से लड़ जाती , मेरे लिए पागलों की तरह रोती , मुझे रिझाती ,
दुलारती, सहलाती
वो माँ है साहब कहाँ हार मानती।

जब भी मैं भूखा हो जाऊँ , वो दौड़ कर खाना लाती , मुझे अपने हाथों से खिलाती , खुद भूखी हो
मगर मेरे लिए दुनिया के सारे व्यंजन बनाती , वो माँ है साहब कहाँ हार मानती।
मेरी गलतियों को पापा से छुपाती , मुझे उनके डाँट से बचाती , मेरे लिए खुद पापा से डाँट भी खाती
वो माँ है साहब कहा हार मानती।

सुबह से उठकर घर के सारे काम करती , बर्टन धोती ,
खाना पकाती, सबको खिलने के बाद खुद अंतिम में खाती
वो माँ है साहब कहाँ हार मानती।

हमारी खुशियों के लिए घंटो तक मंदिर में सर झुकाती ,
भगवान से हमारे लिए दुनिया की सारी खुशियां मांगती ,
प्यार से मुझे अपना लाडला बुलाती ,
हमारे लिए सारे कष्ट भी उठाती
वो माँ है साहब कहाँ हार मानती।



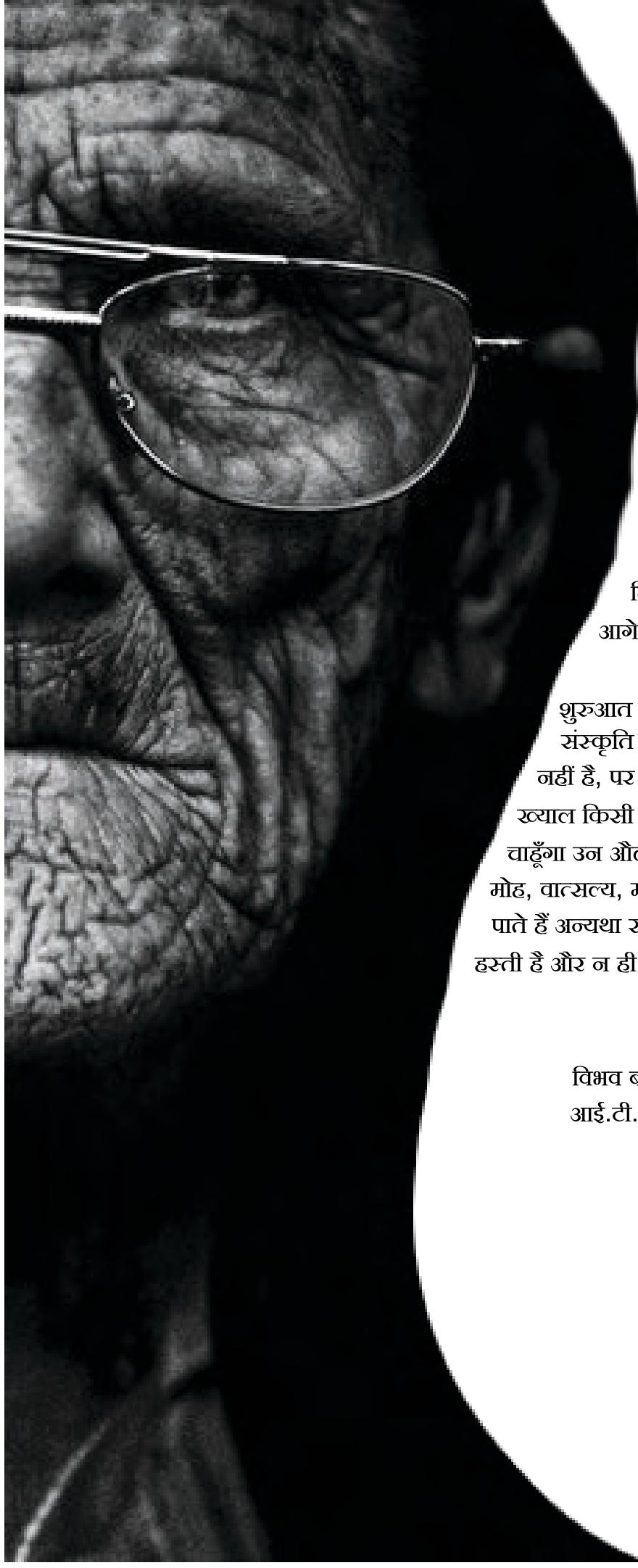
-आशीष मिश्र
इलेक्ट्रॉनिक्स
सत्र-2

त्रिमुखीया

भारत एक ऐसा देश जो न जाने कितने ही मामलों में विश्व से भिन्न है, जिसमें से एक है अपने माता पिता व बुजुर्गों का सम्मान। आज भी भारत में न जाने कितने ही लाखों लोग हैं जो ठिन का प्रारंभ, बुजुर्गों के पैर छू कर करते हैं। उनके पैरों की धूल को माथे पर लगाना सम्मान व गौरव का प्रतीक है। माँ, जिसका आँचल उसकी संतान के लिए भूमंडल से प्यारा होता है, माँ की ममता जिसके समक्ष मौत भी घुटने टेक देती है। पिता, जिनकी बातें वरदान सी प्रतीत होती हैं। उनकी इच्छा हमारे लिए आदेश समान होती है। पर एक प्रश्न है, क्या सभी को ये सम्मान मिलता है? क्या सभी को वह आदर सत्कार मिलता है जिनके वह छकदार हैं? वह प्रेम, वह स्नेह, वह अनुरक्ति सबको प्राप्त होती है?

आगे लिखते हुए शर्म आती है मुझे की ऐसा है नहीं। इस ही समाज में, इस ही देश में, जहाँ की संस्कृति हमें अपने बुजुर्गों का, माता पिता का सम्मान करना सिखाती है, धरोहर है यह हमारी और इस ही धरोहर पर, संस्कृति पर, समाज पर, देश पर, कुछ लोग कलंक व प्रश्न चिन्ह लगते हुए अपने माता पिता का सम्मान तो छोड़िए उन्हें दो वक्त की योटी देने से पहले भी सोचते हैं। माता पिता जो जीवन भर मेहनत करते हैं, हड्डियाँ गलाते हैं, बोझ उठाते हैं, शायद उपर्युक्त करने से पहले सोचते हैं ताकि हमारे लिए, हमारे भविष्य के लिए, हमारी ज़रूरतों में, हमारे आयाम में कोई दिवकरत न हो। ऐसी धृणित सोच व कर्म पूरे मानवता व समाज पर कालीक पोत देती है।

धिकारता हूँ मैं ऐसी औलादों पर। यह सब उसी माँ के साथ हो रहा है जो दुनिया के सबसे भयानक दर्द को सहती है अपनी संतान को जन्म देते वक्त व्योकि उसके लिए उससे बड़ा दर्जा और कोई नहीं होता है। वह माँ जो खुद गीले बिस्तर पर सोती है, भूखी रहती है ताकि उसकी संतान को कोई कष्ट न हो।



वहा उन लोगों में ज़मीर नहीं होता? इस बात पर यकीन करना मेरे लिए मुश्किल है कि ऐसे कृत्य करने की कल्पना भी कैसे कर लेते हैं वह लोग, वयोंकि मेरे लिए मेरी माँ का स्थान उन महादेव से भी ऊँचा है जो आराध्य है मेरे, ईष्ट है मेरे, जिनको प्रतिदिन पूजता हूँ मैं, जिनके समक्ष नतमस्तक होता हूँ मैं कठीं सही ही पढ़ा था मैंने कि “एक माँ दस संतानों को पाल सकती है पर दस संतान मिल कर भी एक माँ को नहीं पाल सकते”। सबसे शर्मनाक बात तो यह है की माता पिता की मृत्यु के बाद उनकी अंतिम क्रिया करने के लिए भी न तो किसी के पास समय होता है और न ही कोई आगे आने के लिए इच्छुक।

शुरुआत में मैंने संस्कृति व धरोहर की बात की थी, चलिए संस्कृति को नकार देते हैं कुछ समय के लिए क्योंकि यह सर्वोपरि नहीं है, पर फर्ज़, इंसानियत, प्रेम, ख्वाह ये तो सर्वोच्च हैं, इसका भी रख्याल किसी के मन में नहीं आता। अंत मेरे मैं बस इतना ही कहना चाहूँगा उन औलादों व संतानों से की यह आपके माता पिता का प्रेम, मोह, वात्सल्य, ममता ही है कि आप उनके साथ ऐसे कृत्य व बर्ताव कर पाते हैं अन्यथा सही मायनों में आप का दर्जा इतना बड़ा नहीं है, न तो छरती है और न ही औकात, कि आप उनके साथ ऐसा दुर्घटनाकर पाए।

विभव बाजपेई
आई.टी. सत्र IV

खुद को देखो एक बार, हारे हुए से लग रहे हो,
सपने तो पीछे छूट ही गए, और कहानी अब कुछ
बची नहीं है तुम्हारी।

माँ-बाप का आशीर्वाद तो हमेशा साथ रहा, शायद
मेहनत में कभी रह जयी है तुम्हारी।
अपने लिए एक खूबसूरत राह बुन रहे थे,
अपनों से दूर सपनों की ओर चले थे।

वो सपने, जिन्हें तुमने खुली आँखों से देखा था,
वो सपने, जिन्हें तुमने कई साल तक पिरोया था,
जिनके करीब तुम पूरी रफ्तार से जा रहे थे,
वो सपने, जो अब मुकम्मल से नज़र आ रहे थे।

आज उन सपनों ने रख मोड़ लिया है,
खुद को मिटा कर तुम्हे पूरी तरह अकेला छोड़
दिया है।

पर गलती सिर्फ तुम्हारी है,
मंज़िल को पाने की होड़ में, तुमने यस्ते की
परवाह नहीं की,
अब ये बात तुम्हे भी पता है, यस्ते में एक
खाई आती है,
मंज़िल के ओझाल हो जाने की शुरुआत यहीं से

अब बचा ही क्या है तुम्हारे पास,
अब न समय है न किसी और का साथ।
पर वो मेहनत आज भी है तुम्हारी...
सिर्फ चार घन्टे की नीन्द, आधी पेट की पूजा,

सारा दिन और सारी रात हाथ में कलम लिए,
आँखों के सामने अनगिनत सवाल
और दिमाग में चल रहे उन सारे सवालों के जवाब ..
वो विश्वास तोड़ चुकी है एक छोटी सी हार तुम्हारी,
किन्तु आज भी है इतनी क्षमता तुम्हारी।
रुक मत, मेरी बात मान, आगे बढ़ तो सही...
रुक मत, मेरी बात मान, आगे बढ़ तो सही...

अगले चौराट पर ही इंतजार कर रही है कामयाबी तुम्हारी
अगले चौराट पर ही इंतजार कर रही है कामयाबी तुम्हारी।

अब बचा ही क्या है तुम्हारे पास

-दिव्यांशु अरुण

सत्र - २





धर्म

लोग थे जिनकी आंखोंमें
अंदेशा कोई न था ।
मैं जिस शहर से गुजरा उसमें,
जिंदा कोई ना था ॥

मैं जिस खौफ में था उसमें,
कुछ और भी कैदी थे ।
मैं जिस खाब में था उसमे,
दरवाजा कोई न था ॥

जख्म थे नासूर थे मरहम,
जिनका कोई ना था ।
मैं जिस उथेड़बुन में था, मतलब
उसका कोई न था ॥

कुछ थे जो शब्दोंको जाल में,
बुनते और पिरोते भी थे।
कुछ रंग थे, बिखरे हुए उनको रंगोली में रंगने
वाला कोई ना था ॥

जिनमें स्वार्थ निहित थे, उनमें
कुछ और भी बंदी थे ।
मैं जिस मासूमियत में था,
उसका तोड़ कोई न था ॥

जो धर्म था वो कर्म था अब इसमें,
जीने वाला कोई न था ।
जाती रही जिंदगी किसी मोड़ पर, उसे
संभालने वाला कोई ना था ॥

रास्ते सरल थे उस पर चलने
वाले कुछ और भी थे ।
वास्तविकता के पथ पर, पद रखने
वाला कोई न था ॥

किस तरह बिलकुल साफ सुथरी,
एक आसानी से समझी जाने वाली बात को इतना पेचीदा सा महज़ एक झूठ बना दिया,
जो लोगों ने अपनी आँखों से देखा था उसकी नाकामी के कारण को,
मिट्टी में मिलने से पहले उसकी बढ़नामी के कारण को।

किस तरह लोगों ने उसे एक बेतुका सा सफेद झूठ बता दिया,
कुछ लोगों ने किस तरह उसकी मौत को एक सफेद धूंधली भूल बता दिया।

हाँ ये उसी इंसान की कहानी है जिसे लोगों ने इंसान मानने से इंकार कर दिया,
और हाँ ये उसी औरत की कहानी है जिसने
चंद सिक्कों की खनक के लिए,
अपने बच्चों के मछज़ भूखे होने की भनक के लिए,

खुद को नीलाम कर दिया,
अपनी इज़ज़त, व्यक्तिव ,पहचान सब कुछ बेच कर!
खुद को कुर्बान कर दिया।

कुछ सोचते हुए अपनी पूरी जिन्दगी
को सरेआम कर दिया,
हाँ खुद मर कर भी उसने अपनों को
जीवन ठान कर दिया।
और कुछ कारण से उसने अपनी मौत को
सफेद मृत्यु के नाम कर दिया॥



सफेद मृत्यु

अंकुर कोडिया

सत्र-6

इलेक्ट्रॉनिक्स



मराठी अनुभाग

आपला बाप - शेतकरी

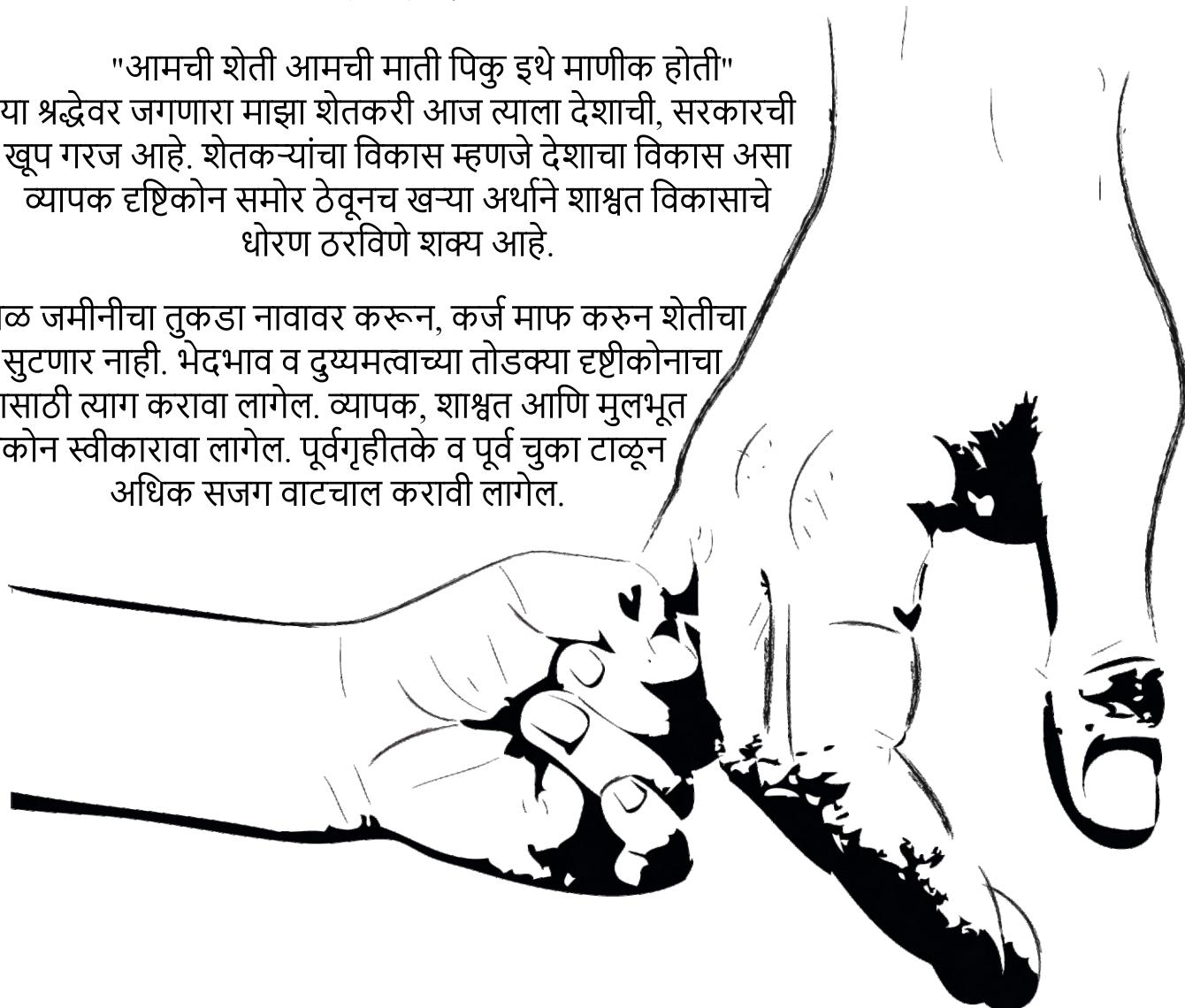
सुभाष डावकर पाटील कंप्यूटर सत्र - 2

"मेरे देश की धरती सोना उगले उगले हीरे मोतीं मेरे देश की धरती"
या ओळी चा अर्थ असा नाही की आपल्या देशात सोनं - चांदी च्या
खानी आहेत, आपल्या देशातला शेतकरी राजा जो रात्र आणि दिवस
एक करून या मातीत सोनं पिकवतो असा आहे.

आपला देश ८०% कृषीप्रधान आहे, पण आज या कृषीला प्राधांन्य दिलं जात नाही. आज हा शेतकरी जो उभरत्या जगाचा पोशिंदा आहे त्याला या व्यापारी वर्गाने कोरुन-कोरुन खाल्ले आहे. आणि याच त्रासाला कंटाळून आज आपला राजा ओलीस टाकलेल्या माणसा प्रमाने जगत आहे. आणि सहन नाही झाल्यावर याच मातीत प्राण संपवतोय.

"आमची शेती आमची माती पिकु इथे माणीक होती"
या श्रद्धेवर जगणारा माझा शेतकरी आज त्याला देशाची, सरकारची खूप गरज आहे. शेतकऱ्यांचा विकास म्हणजे देशाचा विकास असा व्यापक दृष्टिकोन समोर ठेवूनच खन्या अर्थाने शाश्वत विकासाचे धोरण ठरविणे शक्य आहे.

केवळ जमीनीचा तुकडा नावावर करून, कर्ज माफ करून शेतीचा प्रश्न सुटणार नाही. भेदभाव व दुय्यमत्वाच्या तोडक्या दृष्टिकोनाचा त्यासाठी त्याग करावा लागेल. व्यापक, शाश्वत आणि मुलभूत दृष्टिकोन स्वीकारावा लागेल. पूर्वगृहीतके व पूर्व चुका टाळून अधिक सजग वाटचाल करावी लागेल.

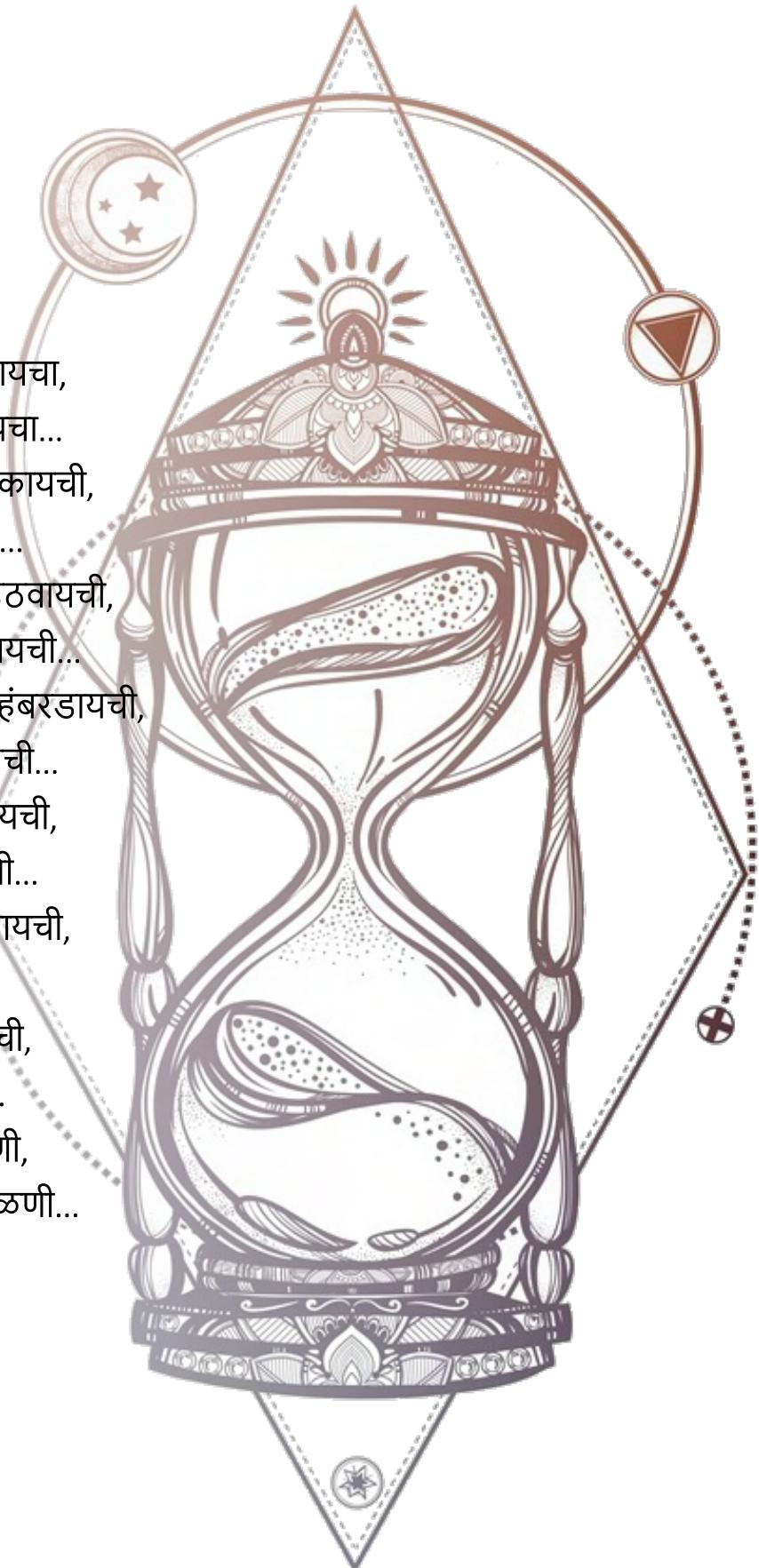


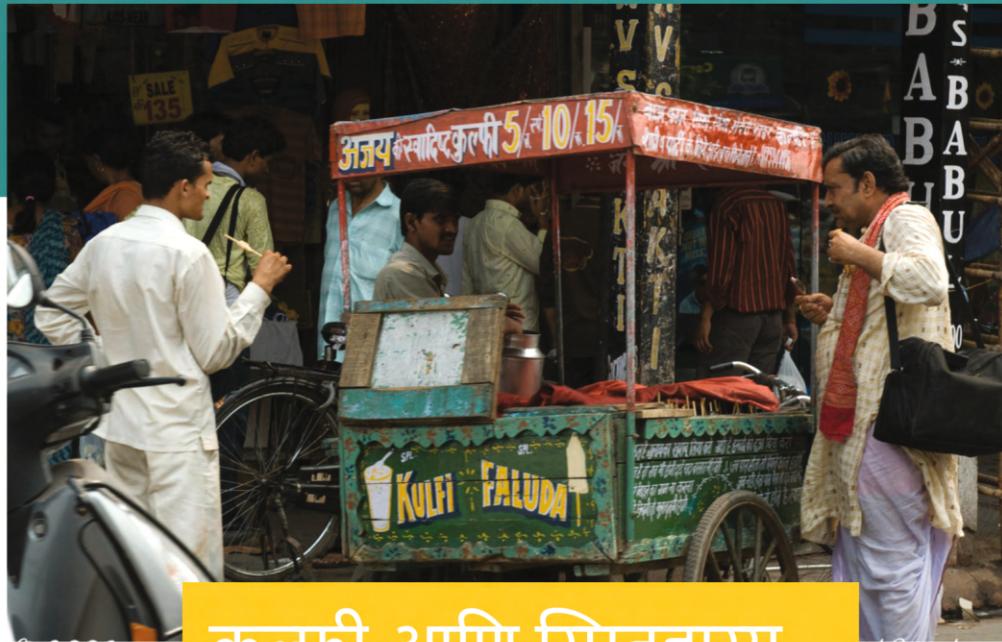
आठवणी

सुभाष डावकर

कंप्यूटर सत्र - 2

होते ते दिवस जेक्हा पाऊस सहा महिने असायचा,
माझा शेतकरी राजा मीशी पिरगाळुन हसायचा....
होते ते दिवस जेक्हा माती मध्ये सोनेरी पीके पीकायची,
चारही दिशेला हिरवीगार मळे असायची....
होते ते दिवस जेक्हा सकाळी कोंबड्यांची बांग उठवायची,
परत थोडा वेळ झोपायची मज्जाच न्यारी असायची....
होते ते दिवस जेक्हा सकाळी गाय वासराला पाहून हंबरडायची,
ताजे दूध प्यायची चढाओढ वेगळीच असायची....
होते ते दिवस जेक्हा शाळा झाडाखाली भरायची,
अभ्यास करायची इच्छा वेगळीच असायची....
होते ते दिवस जेक्हा सगळ्या सोबत पंगत रंगायची,
पोटाची भूक वाढतच जायची....
होते ते दिवस जेक्हा रात्र अंगणात असायची,
चांदण्या मोजत झोप सहज लागायची....
होते ते दिवस राहिल्या त्या फक्त आठवणी,
तरीही रोज स्वप्नात येतात त्या निसर्गाच्या गवळणी....





कुल्फी आणि सितहास्य....

एक अनुभव : वर्ष २०१२ मी नुकताच जॉब सोडून M.Tech साठी एका नामांकित कॉलेज मध्ये प्रवेश घेतलेला. रोज कॉलेज सुटल्यानंतर दुपारी घरी जाऊन पुन्हा सायंकाळी कॉलेज च्या कॅम्पस मध्ये मित्रांसोबत फिरायला येणे हा नित्यनियम . कॅम्पस मध्ये एन्ट्री करताना बँक गेट मधून जायचो (बँक गेट म्हणजे मागच्या बाजूचे गेट). बँक गेट कायम कॉलेज च्या मुला मुलींनी गजबजलेलं. त्यातच तिथे लहान मुले , आणि एक मध्यम वयाचा मनुष्य आणि त्याची म्हातारी आई दोघेही भीक मागायचे. (अजूनही दिसतात)लहान मुले कधी पैसे तर कधी कॉलेज च्या मुलाकडे खाऊ मागायची, खूप वाईट वाटायचं आणि दया पण यायची. पण आपण यांच्यासाठी काही करू शकत नाही याच दुःख वाटायचं. हे दश्य रोजचं झालेलं.

एकदा नेहेमीप्रमाणे कॅम्पस मध्ये जायला निघालो, मित्र गावी गेलेलं त्यामुळे आज मात्र एकटाच निघालो होतो, बँक गेट ला सायंकाळी एक कुल्फी वाला त्याची गाडी लावून थांबलेला असायचा. आज मला पण कुल्फी खायची इचछा झाली. खिसा चेक केला , तर फक्त ५० रु. ची नोट होती. कुल्फी कितीला विचारलं , तो म्हटलं १५ रु. मी एक दे म्हटलं , आणि कुल्फी आणि उरलेले पैसे घेतले आणि निघालो

तोच एक ७-८ वर्षाचा मुलगा आला आणि मला कुल्फी मागू लागला , रोज बघून दया यायची पण स्वतःहून काही द्यायच धाडस झालं नक्हतं. म्हणून त्याला हातातली कुल्फी दिली , तोच कुल्फी वाला ओरडला. "साहेब देऊ नका रोजचं आहे ह्यांचं , त्रास देणं " पण माझ्यासाठी तो पहिलाच अनुभव होता. मी असुदे म्हटलं आणि दुसरी कुल्फी घेतली , आता माझ्याकडे २० रु राहिले होते .

मी पुढे जाणार तेवढ्यात त्याच मुलाच्या वयाची , फाटके, मळलेले कपडे घातलेली एक मुलगी आली आणि हात पुढे करून भीक मागू लागली, आधीच माझा स्वभाव हळवा , लगेच खिशातून २ रु. काढले आणि तिच्या हातात टेकवले आणि पुढे निघालो पण ती रस्ता सोडेना. मग कळले तिला पण कुल्फी हवीय, कुल्फी वाला डोळे मोठे करून तिच्याकडे पाहत होता आणि ओरडत होता , पण तिने मला जाऊ ना देण्याचा जणू चंग बांधला होता. मी आहे ती कुल्फी तिला दिली आणि खिसा चेक करू लागलो , आता मात्र खिशात १८ रु. होते. पण मला हि कुल्फी खाण्याची तीव्र इचछा झालेली, मी पण खूप हट्टी , अजून एक कुल्फी घेतली, कुल्फी वाला मात्र शून्य नजरेने माझ्याकडे पाहत होता, जणू मनातल्या मनात मला मूर्ख म्हणत असावा.

माझ्या तोंडाला पाणी सुटलेलं, आता कुल्फी घेऊन कॅम्पस मध्ये निवांत बसून आस्वाद घ्यायचा म्हणून मी कुल्फी घेऊन बँक गेट मधून आत निघालो. बँक गेट जरी २० फूट असलं तरी दोन्ही बाजूने फक्त २ फूट जागा आहे जाण्या येण्या साठी . मी एका बाजूने आत जाणार तोच पाय थांबले.

कोणीतरी माझे पाय घटू पकडले होते. अंगावर एकाएकी काटा उभा राहिला, काळजात धस्स झालेलं, कारण एक ३-४ वर्षाच्या चिमुकलीने माझे पाय घटू पकडले होते, काही बोलता हे येत नव्हतं तिला आणि मला अजिबात पुढे जाऊन देत नव्हती. तसा ढकलून जाण्याचा प्रयत्न सुद्धा केला, पण त्या चिमुकलीला ढकलून जायचं मन नाही झालं. खिशात ३ रु. होते ते देण्यासाठी हात पुढे केला तर तिने घेण्यास नकार दिला आणि कुल्फी कडे बोट दाखवू लागली. आता मात्र माझी पुरती गम्मत झाली होती, कारण तो कुल्फी वाला अजून हि तसाच माझ्याकडे पाहत होता. आता मात्र अजून एक कुल्फी घ्यायला सुद्धा माझ्याकडे पैसे नव्हते आणि मला पण खूप इच्छा झाली होती कुल्फी खायची.

पण त्या चिमुकली ला पाहून कुल्फी खायची इच्छा कधीच निघून गेलेली. कारण मी तर माझ्या जिभेचे चोचले पुरवण्यासाठी कुल्फी घेतली होती नि ती मुलगी इवल्याशया पोटाचे खळगे भरण्यासाठी कुल्फी मागत होती.

एका क्षणाचाही विलंब ना करता तिच्या डोक्यावरून हात फिरवला आणि तिसरी कुल्फी त्या चिमुकलीच्या हातात टेकवली, तशी त्या मुलीने माझ्याकडे बघत एक स्मितहास्य केलं आणि जोरात पळत सुटली. मी फक्त तिच्याकडे आणि तिच्या त्या हसण्याकडे बघत राहिलो.

आता माझी कुल्फी खायची इच्छा कधीच निघून गेली होती, खिशात राहिलेले ३ रु हातात घेऊन त्या कुल्फी वाल्याकडे बघत पुन्हा वरच्या खिशात ठेऊन दिले आणि ३ कुल्फी खाल्याच्या अविर्भावात तृप्त होऊन, काखा फुगवून कॅम्पस मध्ये ऐंटी केली.

देवा बंगला गाडी काही नसले तरी चालेल पण अश्या चिमुकल्यांना २ वेळ च पोटभर मिळावं हीच तुझ्याकडे प्रार्थना. आम्ही एक माणूस म्हणून वेळ मिळेल तेंव्हा आमचं योगदान देण्याचा प्रयत्न करूच.

अन्नदान श्रेष्ठदान हे का ते तेंव्हा कळले, त्या मुलांचे हास्य बघून हजार कुल्फी खाऊन ढेकर दिल्यासारखे वाटले. अजूनही तो दिवस आठवला तर चेहऱ्यावर एक अद्भुत स्मितहास्य येऊन गुदगुल्या करून जात.

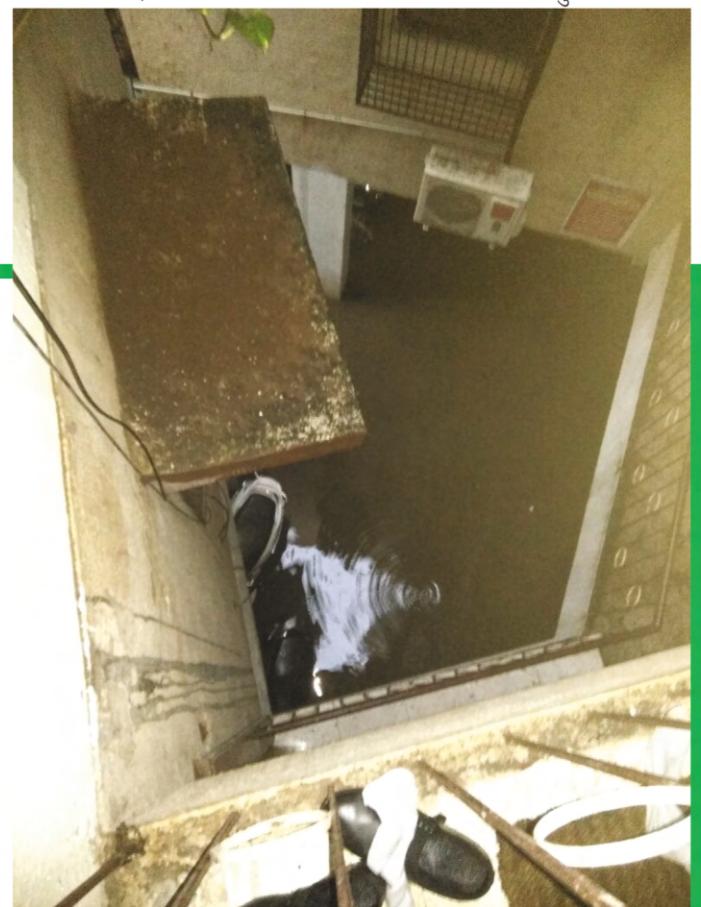
मित्रानो यातून फक्त एकच सांगणं होत, आपण हि वेळ मिळेल तेंव्हा असा ढेकर देऊन बघाच.



-श्री. गजानन भोळे
सहाय्यक प्राध्यापक, आय.टी.
भारती विद्यापीठ युनिवर्सिटी कॉलेज ऑफ इंजिनीयरिंग, पुणे

||| २६ जुलैच्या

२६ जुलैच्या घटनेपासुन काहीच धडा न घेतल्याने आज पुन्हा एकदा महापालिकेच्या नियोजनाचे पितळ उघडे पडले. तासभर झालेल्या मुसळधार पावसाने रस्त्यावर नद्या आणि सोसायटीच्या आवारात डबकी असे चित्र सर्वत्र दिसत होते. प्लास्टीकच्या पिशव्यांचा अती वापर हे ही एक कारण आहे पण पालिकेच्या व्यवस्थापनातील त्रुटी नजरेआड करून चालणार नाही. मुंबई सारख्या दुदैवी घटना पुण्यात घडू नये यासाठी नागरिकांनी देखील काळजी घेणे आवश्यक आहे. अशा वेळी आवश्यक अशी उपाययोजना त्वारित करावयास हवी. हेल्पलाइन क्रमांक देखील सगळ्यांना सहज दिसेल अशाप्रकारे सोसायट्यांच्या आवारात लावलेला असावा. सरतेशेवरी एवढेच नमूद करावेसे वाटते की प्रतिबंध हाच खरा उपाय.



प्रा. अनंदा सोमण
इलेक्ट्रिकल विभाग

जिवनाचे सार

प्रांशु कटियार
इलेक्ट्रिकल सत्र -6

जन्माला आला आहात,
थोडं जगून बघा...
जीवनात दुःख खूप आहेत,
थोडं सोसून बघा...
चिमुटभर दुःखाने कोसळू नका,
दुःखाचा डोंगर चढून बघा...
यशाची चव चाखून बघा...
येणारं अपयश निरखून बघायला...
डाव मांडणं सोपं असतं,
थोडं खेळून बघायला...
घरटं बांधनं सोपं असतं,
थोडी मेहनत करून बघा...
जीवन - मरण एक कोडं असतं,
आयुष्यातून जातानां एकदा तरी सोडवून बघा...



आयुष्य

आयुष्यभर सोबत असून,
जवळ कधी बसत नाही.
घरात राहुन आम्ही
एक मेकास दिसत नाही.

हरवला तो आपसातला
जिहाव्याचा संवाद
एकमेकास दोश देऊन
नित्य चाले वादविवाद.

धाव धाव धावतो आहे,
दिशा मात्र कळत नाही.
हृदयाचे पाऊल कधी,
हृदयाकडे वळत नाही.

इतकं जगुन झालं पण,
जगायलाच वेळ नाही.
जगतो आहो कशासाठी,
काहीच कसला मेळ नाही.

क्षण एक येईल असा
घेऊन जाईल हा श्वास,
अर्ध्यावरच थांबलेला
असेल जिवन प्रवास.

अजूनही वेळ आहे,
थोडं तरी जगून घ्या
सुंदर अशा जगन्याला
डौळे भरून बघून घ्या.

प्रांशु कटियार
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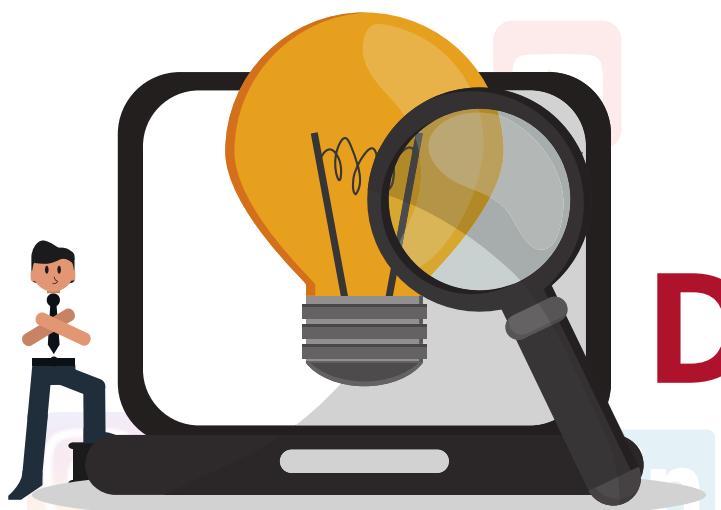


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FROM THE DESK OF OUR INCHARGE

It gives me immense pleasure to see the collaborative effort of the student board to justify their glorious theme, "MERAKI". Meraki is all about the creativity and soul one puts into anything they do. I am overwhelmed with a sense of euphoria and pride after seeing the college magazine Genre2k19.

This wouldn't have been possible without the perseverance of the students working for the magazine.

This magazine has given a platform to every writer, poet, designer and artist to groom their potential to the fullest. The whole college has come together to bring out the best they could through this magazine. I would like to congratulate every single person involved in the making of Genre and wish them a great future.

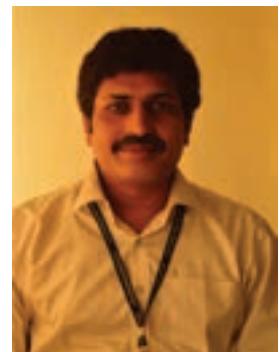


Prof. Sandeep Vanjale

Incharge
Bharatiyam

FROM THE DESK OF OUR CO-ORDINATORS

It fills me with joy to see the efforts of the students culminate into a yet another inspiring edition of the magazine. It feels so great to see the perseverance of the editorial team for the magazine. The theme of this year's magazine "Meraki - The Essence of Yourself" is a reflection of the dedication shown by every student involved in Genre. The college magazine has yet again brought out the best in the associated students as they explored their talents in the fields of writing and designing.



Prof. A. Prabhakar
Co-Ordinator
Bharatiyam



Prof. Pramod Jadhav
Co-Ordinator
Bharatiyam

The college magazine, Genre2k19 has brought out the excellence of our students in the fields of writing, designing as well management. "Integrity is the essence of everything successful". This very quote defines the immense hard work the editorial board has put in to justify the theme of the magazine, Meraki. It's the persistence of the team to strive for excellence that they have been able to give us an imaginative edition of the magazine & I would take this moment to congratulate each and every member of the team, the designers and the writers alike, for producing a magazine as wondrous as this.

It is often said that the joy of living is, without a doubt living for ourselves. Happiness, which is said to be a mental and emotional state of well being depends on our response to the things happening around us. True happiness comes in every individual when he or she puts their essence into their routine. The theme of this year's magazine, "MERAKI-THE ESSENCE OF YOURSELF" is particularly apt for the present scenario. I would like to wish the team of "Genre" the very best and hope that their latest venture grows to be a success.



Prof. Mahavir Beldar
Co-Ordinator
Bharatiyam

HEAD OF DEPARTMENT



Prof. V.S. Sohoni
Civil

“ “Put your heart, mind and soul into your smallest acts” this quote perfectly defines what our students have brought out in light through the magazine Genre’19. It gives me immense pleasure to write about this theme and the magazine. It is great to see our aspiring engineers working in creative fields, as poets and writers, thinking as deep as possible and bringing out the best of thoughts.

I would like to congratulate all the members who have worked for this magazine and wish them a great future in their lives ahead. ” ”



Prof. D. M. Thakore
Computer Science

“ I intently believe that students would develop versatile personality during their stay in this temple of learning. The college magazine is where the students enhance their creativity and discover and embrace skills. With this exemplary theme, Meraki, I’m proud to say that the students have, yet again, outdone themselves. I, on behalf of all the faculty members wish all the students best of luck for achieving greater success and scaling new heights.

We salute you and your talent. ” ”



Prof. Sandeep Vanjale
Information Technology

“ Whether it’s a student or a teacher, we all put essence of ourselves in whatever work we do and no theme other than “MERAKI” could justify this better. It gives me immense pleasure to express my feelings about the the genre 2K19 which exclusively signifies the importance of involvement of the essence of our soul. I would like to congratulate each and every member of Genre’19 for the efforts they had put in to justify this glorious theme and wish them all the luck for their future endeavours. ” ”

HEAD OF DEPARTMENT



Prof. A. A. Shinde
Electronics

“ I am glad to pen for this wonderful magazine as an admiration of the commendable efforts put forth by the team for its grand rendering. The efforts taken to bring out unique creation of students in the form of Annual Magazine “GENRE” every year which serves as a platform to show up the literary and artistic segment of the BVDU College of Engineering. I wish that Genre establishes itself to be a flint to fire the enthusiasm and electrify the minds for many intrusive innovations among the students and inspire passion among the faculty members of the institute. Wish you all a grand operation for this magazine. ”



Prof. K. B. Sutar
Mechanical

“ Every year, a large number of students join engineering as their choice for higher studies. Engineering gives them a purpose, a definite direction to their lives. It defines how one's future shapes up ultimately leading to the blissful realization of the dreams that one has and this year's theme, Meraki, is all about doing everything you do wholeheartedly. Wishes to the Editorial Board for the 30th edition. ”



Prof. D.S. Bankar
Electrical

“ The magazine's theme “Meraki” encourages the students to look within themselves and find their passion for everything they do in life. True innovations and great success come out of undying efforts and hard work of the students and this won't ever be possible unless and until they immerse themselves in the work they do. I would like to congratulate the editorial board for publishing another enlightening edition of the magazine and hope they continue their good work. ”

HEAD OF DEPARTMENT



Prof. Shruti Oza
E & TC

“ BHARATIYAM is not just a college fest, it is a celebration of one's own uniqueness. With the annual magazine, Genre, the students have been very thoughtful with this year's theme, Meraki. It is with the continuous efforts of the writers and the designers, and their man management skills that we have been able to publish the magazine with great zeal. I would take this opportunity to heartily congratulate the entire team whose combined efforts have given us yet another enlightening edition of the college magazine, "Genre 2K19". I hope the hard work of students pays off and they continue to achieve new heights in their lives. ”



Prof. S. D. Lembhe
Production

“ It's such an honour to share my views for the annual magazine of our college. Every year the college magazine, "Genre" comes up with a unique theme. This year's the theme 'Meraki' meaning to do something with love, creativity and soul is apt for our lives are meaningless if we are leading a life without Meraki. The magazine showcases the talent of our students and it fills me with joy to see our students venture out of their technical fields to showcase their literary talents as they've compiled a magazine as amazing as this. ”



Prof. P.V. Chavan
Chemical

“ Meraki is not about defining your passion in life but doing in life passionately. The theme of this gratifies me to see the efforts of the editorial team result into an inventive edition of the college magazine. Watching the magazine grow in all its aspects year by year never ceases to amaze me. I would like to give my best wishes to the editorial team and wish them a good fortune in all their future endeavours. ”

STUDENT ASSOCIATION



Electronics and Telecommunication Students Association is a group of like-minded students who work as a team to learn and strive to reap out the best in the field of their interest. The association envisions to make its students grow both academically and on individual front. The group works as a single committee backed by the faculty which is always ready to support its students. The student association has achieved numerous milestones in the past as it continues to create a healthy and productive environment for the students to learn in. ETSA has also organized various events in the past which have turned out to be a huge success with the support of the faculty and members who continue to work

ETSA (Electronics & Telecommunication Student Association)



ACES is "Association of Computer Engineering Students", a platform which provide students several experiences and instil the importance of originality and individuality that are the most vital aspect of engineering. Our students are driven by the desire to push the boundaries of knowledge and unparalleled students experience. This association unifies technical, creativity, marketing, publicity and cultural students to get and promote creative ideas and provide the platform for students to share their knowledge.

We empower our students and faculty to exceed the expectation of society through academic excellence community enrichment and service to the public good.

ACES (Association of Computer Engineering Students)



ITSA (Information Technology Student Association)

Information Technology Students Association (ITSA) is a congregation of inspiring minds and enthusiasts. I.T.S.A. organises National level events like 'BHARATIYAM' a Tech-no-Cultural College festival and Proyecto a project exhibition competition wherein participants' understanding and implementation skills are evaluated.

These brainiacs contribute to the social cause by various programmes like NARI, a programme to spread awareness about menstrual hygiene amongst women living in slums and, Engagement of People With Science And Technology(EPST) programs are organised every year in many government and private schools.

-Mohammad Abu Talib (Deputy Joint Secretary)

STUDENT ASSOCIATION



ESA (Electronics Students Association)

Electronics Student association is one of the most important and prestigious association of Bharati Vidyapeeth (Deemed-to-be University) and is the main association of Electronics Engineering.

This association works for the development of the students of Electronics Engineering and every student related problems.

Association has organized many technical,cultural and Sports events such as Claim the Catch,Funista,FutStrike etc. In the Guidance of its Coordinator Prof P.A. Chougule and Joint Secretary Nimish Mathur, this association is determined in moving towards a bright future for the society.



MESA (Mechanical Engineering Student Association)



ASEE (Association of the Students of Electrical Engineering)

Association of Students of Electrical Engineering(ASEE) is a congregation of people sharing common talent. With penchant to Electrical Domain we believe in pragmatic learning alongwith a moiety of theory in curriculum. We galvanize towards academic learning and to extra-curricular activities in equal capacity.

Albeit, it is spurious that we have knack of technical knowledge, but the faculty encompasses all round development of individuals.

STUDENT ASSOCIATION



CESA (Civil Engineering Students Association)

CESA is flourishing over the years and developing in all folds. Every year new students are coming ahead and trying to reshape the activities and take the association to new heights. The department of civil engineering is the backbone of CESA and encourages the students in all its aspects. This academic year all the office bearers of the council were appointed under the presence of our HOD. A guest lecture was delivered on simulation of architectural design.

Production Engineering Student's Association formed for the purpose to inculcate technical as well as social skills among the engineers for a better growth of them in the competitive environment. A team brimmed with enthusiastic, creative and highly motivated members that visions to uplift the department and the university on every norm. The various activities conducted in the department are:
"Make the Feather's Fly" – Badminton Tournament.
Seminars by industrialists on Financial Management and SIX-SIGMA.
Industrial Visit for 2nd and 3rd year students.
Engagement of People With Science and Technology



PESA (Production Engineering Student Association)



IICHE (Indian Institute of Chemical Engineering)

IICHE stands for Indian Institute of Chemical Engineers. It provides a platform to Indian Chemical & Allied Industry, Academia & Research for continuous education, Professional excellence, networking and attaining global recognition. The IICHE Student Chapter was inaugurated at Bharati Vidyapeeth College of Engineering imbibe professionalism and to provide training. Many activities included under IICHE student chapter are conferences, seminars, workshops, refreshment courses and counselling sessions along with industrial visits to better equip and empower the students.

JOINT SECRETARIES



Avaneesh Dwivedi
Computer Science



Swapnil R. Patil
Information Technology



Kushagra Srivastava
E & TC



Nimish Mathur
Electronics



Shreyas Paliwal
Electrical



Harshit Arya
Civil



Aditya Murli
Mechanical



Vishal Thorat
Chemical



Ritish Nigam
Production



Vinayak Sadanand
Art Circle



Entrepreneurship Development Cell BVUCOEP

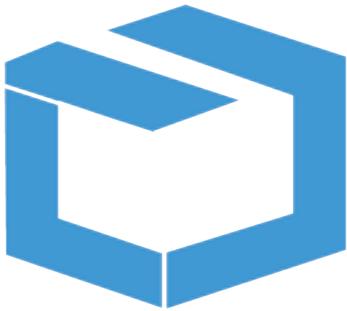


The Entrepreneurship Development Cell (EDC) inculcates and instigates the growth of entrepreneurial culture among the youth. EDC is a non-profit cell of the college working with an aim to promote the true essence of entrepreneurship. For doing so, The Cell regularly organizes and conducts workshops and sessions for its members and also for the other students. The events induce motivation and healthy competence among young prospective entrepreneurs. All in all EDC aims to stimulate the students for adopting Entrepreneurship as a career and to make themselves able enough to identify and exploit the opportunity successfully for a new venture. With successful events like E-Summit, Start-up Conclave, Internstellar & SECC, EDC has proved its potential for shaping the futures of many young entrepreneurs. With regular events and meetings, the development of corporate relations and contacts is also accelerated. EDC provides an in-house training to its members to deal with the corporate world which lies ahead of them. This is made possible by simulating a professional environment in the cell itself. Along with interests and skills, EDC tries to teach new skills to its members and sharpen the old ones.

Head's Testimonial :

My journey with EDC has taught me many things about entrepreneurship. With combined efforts of the team, students have started to see entrepreneurship as a mainstream profession & this has motivated us to strive and achieve even greater heights.

- Dhruvil Parikh



moz://a

Campus Club

BV(DU)COEP



The world is constantly changing. Be it creativity, strategic thinking or Open Source contributions, it is necessary to solidify and enhance the connection between people and technology. Mozilla Campus Club is a team of tech enthusiasts and inquisitive students who interact with other students to make them learn, share and exchange technical information by organizing various events and workshops. It's a little bubble in space and time of infinite possibility, where you can bear a deeper understanding of the world's current and upcoming technologies. Our club founder, Adarsh Jha, believes that even if we have just one student who wants to learn, we will deliver the content with the same passion because "Willingness to learn is all that matters." We work on the principle of "Learn to Inspire" and vest its understanding by imparting knowledge technical means, creating a launchpad for all the questions in the minds of people.

President's Testimonial :

"Creative thinking inspires ideas. Ideas inspire change." I firmly believe this statement as my love for designing user interfaces, logos, and websites led as a sub-structure for designing this club. I am a computer science engineer who fell in love with designing and followed my passion which is why I wanted my fellow mates to also follow their heart and learn more in the technical field.

- Adarsh Jha



Network Security Group BV(DU)COEP



Network Security Group was formulated in 2014. Network Security Group is a student branch that creates awareness about various threats by organizing immensely intense interactive seminars and workshops to instil innovative spirit amongst the students. It's an ardent fraternity which motivates flabbergasting opportunities to showcase their exceptional talents and skills in numerous platforms and competitions like Cybercon, Tech Saturdays and Descifrar.

Being a member of Network Security Group is not only equivalent to being updated with latest upgrades, various ventures of the market and firsthand information about automation history and renovating future but also building an all-rounder with different non technical skills as well, with teaching skills like teamwork , dealing with corporates , publicity, marketing , editorial and creative skills . The epitome of this revolution is everlasting and the summit is filled with the stigma of flourishing promise.

President's Testimonial :

I for one believe that each and every student should be an all-rounder and not just a book worm so we here at NSG try and promote skills in fields more than just academics so that they become an all-rounder when they sit for the interviews.

- Raghav Kripa Pare



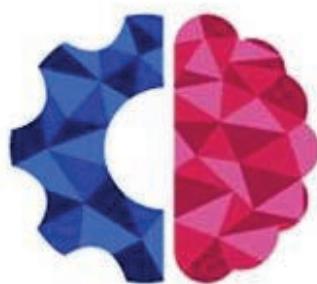
Developer Student Clubs BV(DU)COEP

DSC is a Google Developers program for University students, designed to help you build your mobile and web development skills and knowledge. It is open to any student, ranging from novice, to advanced. Google collaborates with university students who are passionate about growing developer communities and supports them with starting student clubs on their campuses.

These DSCs provide students with the opportunity to:

1. Grow their knowledge on developer technologies and more through peer to peer workshops and events.
2. Gain relevant industry experience by solving problems for local organizations with technology based solutions.
3. Showcase their prototypes and solutions to their local community and industry leaders.
4. Google Developers supports and recognizes DSCs, but does not own or manage them.

Head : Harsh Singh



Institution's Innovation Council (IIC) BV(DU)COEP

This cell will then develop better cognitive skills amongst students, nascent ideas would be propounded and pre-incubated, an atmosphere of innovation and exploration will be developed and then institutions would be rendered an Atal Ranking under Innovation Achievement Framework(IAF).

A technical expert, representative from nearby incubation centre, one from leading bank and a patent expert would be special invitee to the host institution. The college would then be organizing numerous workshops, idea competitions, seminars, mini-challenges and other interactive sessions with entrepreneurs, investors and top-notch academicians.

IIC under MHRD & mentorship of Dr. Elangovan Karriapan, Assistant Director, MHRD's innovation cell made it possible to create such highly coveted platform to showcase the profundity and range of ideas with smooth and systematic execution monitored by a well-maintained timeline.

Head : Dhruvil Parikh

START - UPS



Foodpremi

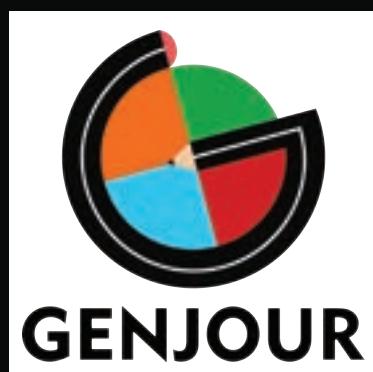
FoodPremi is a startup based on food industry under Incubation Process at UPES Centre of Innovation and Entrepreneurship (UCIE), University of Petroleum and Energy Studies. It aims at providing consultancy to the food joints, organizing events and writing the food blog in order to maintain a food ecosystem which helps promote the food joints of the city. We provide various services to our clients and well as followers by bridging the gap between the requirements of the customers and servers. We promote various restaurants and event locations and rate them according to the quality of food and services.

Scooty Wala is a two wheeler rental start-up that is established, managed, and governed by a group of five 3rd year engineering students of Bharati Vidyapeeth. It is developing a trend of 24x7 two-wheeler rentals in Pune. They look forward to establishing a convenient mode of transport in and around cities. They've managed to set-up this trend in the Katraj region. The next step here is to spread this trend to all parts of the city. The team works for this cause day in and day out, and manage their academics in a decent way and actively take part in extra-curricular activities as well. For now, Scooty Wala looks forward to hearing its name spread far and wide.



Intellico Labs has been contributing to bring the change and culture in technology education space. We have been part of tech industry as IT & Services venture and engage in providing curated industry specific technology courses through our code camps. Our Vision is to change the way technology has been looked at in the professional education sphere by providing industry specific quality design education. Our curated training programs has allowed us to interact individuals from different education backgrounds and industries providing that technology is everywhere.

Founded on 11th March 2016, Genjour, a social media company, is an idea that blossomed from the need of a truthful communication between people. It is launched in order to promote citizen journalism by creating a platform where people can freely share their ideologies by the means of communication and interaction. Genjour, unlike other start-ups doesn't focus on the monotonous approach, but looks to bring a small yet significant change.



ART CIRCLE

THE LITERARY COUNCIL



Vedanta (BJMC Fest)
Bharati Youth Fest
Mood Indigo (IIT Bombay)
PICT MUN – Saumya Sharma, Kaustubh Krishna
(Highest Recommendation) Sudhanshu Mishra
(Special Mentioned)
Technikala (NICMAR Debate) - Akhil Kumar,
Daksha (1st runner up)
Symbav (Symbiosis Law College) - Kuldeep
Gupta (1st runner up)
IIT Indore MUN – Devansh Pandya (Best Delegate)



SINGING TEAM: MALHAAR

Bharati Youth Fest
Mood Indigo (IIT Bombay)
Unmad (IIM Bangalore) – Srijan Shukla (Instrumental solo 1st prize)
Sympulse (Symbiosis Management College) – Ayush Singh, Ishan Goswami (Instrumental Duet 1st Prize)
Technikala (Nicmar Fest) – Team Malhar (1st prize)

DANCE TEAM: RAQS

RAQS

Vedanta (BJMC Fest)
Bharati Youth Fest
Mood Indigo (IIT Bombay)
Ness Wadia – Group Dance (1st Runner up)
ISBM College – Aastha Singh (1ST Runner up)
Symbhav (Symbiosis College) – Manasvi Bhatia, Pranjali Sharma (1st prize)



ART CIRCLE

MALANG



Vedanta (BJMC Fest)

Bharati Youth Fest

Mood Indigo (IIT Bombay)



DRAMATICS TEAM: RHAPSODY

Bharati Youth Fest

Mood Indigo (Pune Prelims Filmcity)

IIT Kharagpur (Special Mention)

THE BAND: VAQUIF

Sympulse (Symbiosis Management College) – 1st prize

Symhav (Symbiosis Economics College) - 1st prize

Vedanta (BJMC Fest) – Duet Singing (1st prize)



Abode of Shutterbugs



Ankit Bajpai (3rd Year)



Pranav Ahuja (3rd Year)



Aayush Nema (2nd Year)



Mayank Agrawal (3rd Year)

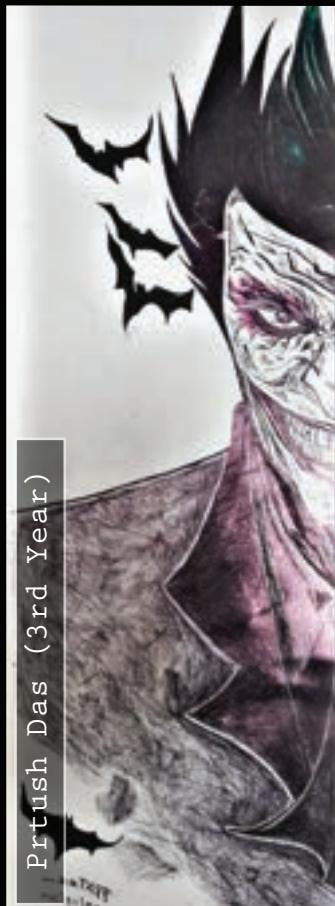


Masroor Rizvi (3rd Year)



Kushagra Singh (3rd Year)

Melange of Hues



Pritush Das (3rd Year)



Aishwarya Chauhan (1st Year)



Prem Singh (2nd Year)



Nalini Singh (3rd Year)



Mahima Jha (3rd Year)

HALL OF FAME

BVDU Inter-College Tournament 2018-19

S. No.	Name of the Sport	Level	Name of the Student	Semester-Branch	Rank
1	Chess	Inter-College	Chauhan Jai	V-Elecrical	Winner
			Jain Samarth	VII-Civil	Winner
			Jaiswal Amol	V-E&TC	Winner
			Mayura Vipul	V-E&TC	Winner
			Jain Prakhar	VI-Mechanical	Winner
2	Basketball (Women)	Inter-College	Radhika Agarwal	III-Computer	Winner
			Shweta Verma	III-E&TC	Winner
			Mrinalini Chauhan	IV-E&TC	Winner
			Smriti Gupta	III-Electrical	Winner
			Niharika Singh	III-Computer-2	Winner
			Siddhi Khama	III-Computer-2	Winner
			Neha Joshi	I-Electrical	Winner
			Ankana Mukherji	III-Computer-2	Winner
			Pratiksha Nigade	I-IT	Winner
			Priya Singh	I-IT	Winner
			Saumya Gupta	I-Computer-2	Winner
			Gali Nikita	V-Computer	Winner
3	Atheletics	Inter-College	Vishal Thorat	V-Chemical	400m Running Winner
					200m Running RunnerUp
			Prakash Adarsh	VII-Electrical	Javelin throw Winner
					Shotput throw RunnerUp

All India Inter University West Zone 2018-19

S. No.	Name of the Sport	Name	Place	Semester-Branch	Rank
1	Basketball (Men)	Akshay Kakroo	Dr. Babasaheb Ambedkar	VII-Electrical	
		Vipul Pathak	Marathwada University	VII-Mechanical	
		Furkhan Nayar	Aurangabad	I-IT	
2	Badminton (Men)	Tara Singh	Swami Ramand Marathwada	VII-Mechanical	
		Gaurav Salavi	University	VII-Chemical	
		Amol Durge	Nanded	V-E&TC	
3	Cricket (Men)	Shivam Pandey	Veer Narmed South	VI-Chemical	
		Abhishek Roy	Gujral University	VI-E&TC	
4	Volleyball	Yogesh Ashok	Jantiya University	I-M-Tech (Mechanical)	4th
		Kutrahe	Shri Ganganagar Rajasthan	I-M-Tech (Mechanical)	
5	Handball	Subham Sawant	Solapur University Solapur	VII-Mechanical	2nd

All India Inter University 2018-19

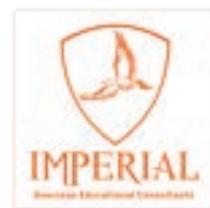
S. No.	Name of the Sport	Name	Place	Semester-Branch	Rank
1	Softball	Subham Sawami	Swami Ramanand Tirth	VII-Mechanical	4th
		Siddharth Patil	Marathwada University	V-Civil	4th
2	Volleyball	Yogesh Kutrahe	Chharpati Shahugi Maharaj	I-M-Tech (Mechanical)	4th
			University Kanpur		4th
3	Handball	Shubham Sawant	Guru Nanak	VII-Mechanical	4th
			University Amritsar		4th

HALLOFFAME

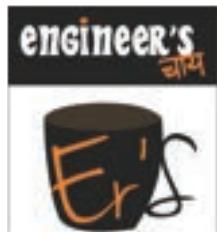
Other Sports Tournaments

S. No.	Tournament Name	Player Name	Semester	Branch	Rank
Rifle Shooting					
1	Chasak Tournament	Shubham Patil	IV	Mech.	Runner Up
Basketball (Women)					
2	I.S.B.M. Lavale	Smriti Gupta	IV	Elex.	Runner Up
		Niharika Singh	IV	Comp	
		Radhika Agarwal	IV	Comp.	
		Siddhi Khanna	IV	Comp.	
		Archita Awasthi	II	CSBS	
		Rajni Dalal	II	CSBS	
		Saumya Gupta	II	Comp.	
		Neha Joshi	II	Elex.	
		Nikhita Gali	VI	Comp.	
		Pratiksha Nimgade	II	I.T.	
		Priya Singh	II	I.T.	
		Mrinalini Chouhan	VIII	E&Tc.	
Cricket (Men)					
3	I.S.B.M. Lavale	Vineet Kr. Jha,	VIII	Mech.	Runner Up
		Nitin Parmar	VI	Mech.	
		Shivam Pandey	VI	Chem.	
		Akash Singh	VI	Civil	
		Abhishek Roy	VI	E&Tc.	
		Mohit Anand	VI	Mech.	
		Rishabh Mishra	IV	Comp.	
		Tanishk Srivastava	IV	I.T.	
		Ayush Choudhary	IV	I.T.	
		Akshat Mittal	IV	Mech.	
		Shashank Sharma	VI	Chem.	
		Shubham Tyagi	IV	I.T.	
		Saurabh Verma	IV	Mech.	
		Tawsif Akram	VIII	Chem.	
		Himanshu Srivastava	VI	Mech.	
		Akhilesh Shukla	II	Comp.	
Volleyball					
4	1. ISB&M College of Commerce,Pune (MINERVA XIX)	Rohit kumar(Cap)	VIII	Mech.	1.Winner
		Ayush Sharma	VI	I.T.	
		Vinay Kshirsagar	IV	Chem.	
		Yogesh Kutrahe	II	Mech.	
4	2.ISB&M School of Technology,Pune (ORION & KURUSHETRA)	Prakhar Raj. Sachan	IV	I.T.	2.Winner
		Mitul J Patel	IV	Mech.	
		Deepak Sarode	II	I.T.	
		Ramakant Mishra	IV	Comp.	
4	3.ISB&M Lavale (RUNBHOOMI 2019)	Anupam Kumar	IV	Comp.	3.Runner Up
		Prakash Kaushik	VIII	Mech.	
		Sahil Balliyan	IV	Comp.	
		Shamreedh	II	Mech.	

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