

1st Edition

Garpan

2017-18

*Annual
Magazine*



Smt. Devkiba Mohansinhji Chauhan

DEVKIBA
COLLEGE

COLLEGE OF COMMERCE & SCIENCE
AND COLLEGE OF LAW

**SMT. DEVKIBA MOHANSINHJI CHAUHAN
COLLEGE OF COMMERCE & SCIENCE
AND
SMT. DEVKIBA MOHANSINHJI CHAUHAN
COLLEGE OF LAW**



OUR MANAGING TRUSTEES



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 Member



Message from the Hon'ble Chairman



As we all know, Education is a prime instrument of national transformation and that quality of education is inescapably involved in the quality of the nation. Education is not merely acquirement of facts but also of values which help us improve the different facets of mankind. It ensures that we leave the world a far better place than we found it.

The maintenance and strengthening of quality education is a task even more arduous than its attainment. We, at Devkiba College, strive hard to encourage and answer the holy curiosity of inquiry in our students. We strive hard to inspire and motivate, instill idealism and exuberance among our students, make them winners and appreciates winners.

True education is that which teaches one to learn, unlearn and relearn, so as to become fine human beings and contribute positively to the society. We foresee a bright future for our intelligent and sensitive students with the dedicated efforts of our committed teachers, involved parents and deeply committed management. We shall continue to work towards attaining our two fold mission- to provide quality education and character development of our students.

In this pursuit of excellence, I appreciate our parent fraternity for supporting the college in every aspect. I also laud the relentless efforts of our teachers for giving their best in bringing out the best in each student. But I would exhort the students to be always modest, humble and disciplined, while being ready to expand the horizons of their knowledge and skills by dreaming big and working hard.

Thank You,
Jai Hind!

A handwritten signature in blue ink, reading 'Fatehsinhji Chauhan'. The signature is written in a cursive style and is underlined.

Fatehsinhji Chauhan

Chairman

Lions Club of Silvassa Charitable Trust

From The Hon'ble Member of Parliament



NATUBHAI G. PATEL

*Member of Parliament, Lok Sabha
Dadra & Nagar Haveli (U.T.)*

Member :

- Standing Committee on Home Affairs
- Consultative Committee on Road Transport, Highways and Shipping



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MESSAGE

It gives me immense pleasure to learn that Devkiba College, run by Lions Club of Silvassa Charitable Trust is organizing annual day "Tarang 2017-18", and on the very day releasing the first College magazine.

For healthier and superior society, education is essential and vital requisite. I am extremely happy that Devkiba College is imparting quality and pioneering education to the students of our territory and nearby areas.

Enclosure of the various articles written and achievements made by students and staff in this magazine will be a great source of enthusiasm and inspiration to all the stakeholders and will help them to enhance the performances.

I warmly congratulate the management and staff of the college and extend my best wishes to the students on this wonderful occasion.

(NATUBHAI G. PATEL)



From The President,
Silvassa Municipal Council



Rakeshsinh M. Chauhan
President

OFFICE OF THE PRESIDENT

SILVASSA MUNICIPAL COUNCIL

U.T. of DADRA & Nagar Haveli, Silvassa - 396 230.
Phone No.: 0260-2633192, Fax No.: 0260-2633191

Date:- 15 / 02 / 2018

MESSAGE

I convey my hearty congratulations and best wishes to the students, staff and management of Smt. Devkiba Mohansinhji Chauhan College of Commerce & Science and Smt. Devkiba Mohansinhji Chauhan College of Law, run by Lions Club of Silvassa Charitable Trust on the occasion of its annual day celebration and release of "**DARPAN**", the first annual college magazine, depicting the image of the college activities & vast potential of its students and staff.

I am happy that College is imparting quality higher education to the students of Silvassa and nearby areas and helping the development of the tribal area.

I bestow best wishes & blessings on the management for admirable progress & success of the college to reach superior heights for imparting quality education to our future generation.

Rakeshsinh M. Chauhan
President,
Silvassa Municipal Council

Message from the Desk of the Secretary



As a Secretary of Lions Club of Silvassa Charitable Trust I am taking this opportunity for publishing College Magazine by our Smt. Devkiba Mohansinhji Chauhan College of Commerce & Science and Smt. Devkiba Mohansinhji Chauhan College of Law, Silvassa on the occasion of Annual Day 2017-18.

Our College has started progress in various fields. We are trying to make available a right blend of intellectual, physical and ethical avenues to our students in order to develop them to good responsible citizens, which the society will be proud of.

The Lions Club of Silvassa Charitable Trust believes that true education is one that develops the overall personality of individuals. Therefore at Devkiba College we take care of academics complemented by co-curricular, extracurricular and sports activities. It has been our endeavor to offer best of such facilities to students.

Besides academic excellence, the college is committed to inculcating in all its students, strong ethical values of integrity, politeness, kindness and respect for elders. I firmly believe that education should develop confidence, discipline, clarity in thought and decision-making ability to set and achieve goals, and above all, social responsibility as a life long process.

Devkiba College takes pride in providing a caring atmosphere to all its students just appropriate for the young minds to be nurtured. It aims to develop scholarly students with great self discipline, intense perseverance and zeal to excel which are the qualities required to meet the challenges of the modern society.

The college seeks utmost cooperation and support of one and all to achieve the high standards set. I also hereby convey my heartiest thanks to Principal, teaching and non-teaching staff and students for their co-operation and support to our trust and College.

Sd/-

Devdas R. Shah

Secretary

Lions Club of Silvassa Charitable Trust



Message from the Desk of the Treasurer



The motive of Smt. Devkiba Mohansinhji Chauhan College of Commerce & Science and Smt. Devkiba Mohansinhji Chauhan College of Law is to develop a global perspective to cope-up with the fast changing scenario. In addition to this, values with discipline are the hallmark of our college, besides ensuring quality of the students; here the emphasis is not only on academic excellence but the development of the overall personality of a student. To achieve this goal, training in personality development and other soft skills are also provided in our College. We take special care to ensure that new ideas are not merely discussed here but executed. Execution of new ideas helps the faculty and students to tread the path of 'Innovation'. As excellence is the only criterion for selection of students, we are confident that in due course, promises will become 'Achievements' in their respective fields.

I am delighted that Devkiba College has published the College Magazine. The Editorial Board has done a fair job to put up facts before students and parent community. To express one's thought, College Magazine is the best platform and this is what our students have expressed in terms of contributions towards the magazine. I congratulate Editorial Board for unleashing the hidden potential of the students and making this Magazine a chapter of Devkiba College's history.

Sd/-

Vishvesh Dave

Treasurer

Lions Club of Silvassa Charitable Trust

Message from the Principal



“Knowledge is that treasure which can never be stolen or created,
it can only be gained and passed on through teaching”

It gives me immense pleasure in announcing that Smt. Devkiba Mohansinhji Chauhan College of Commerce & Science and Smt. Devkiba Mohansinhji Chauhan College of Law is bringing out their first college magazine **“DARPAN”** during this year. Our magazine is exclusively meant for churning out the latent writing talent which bears immense potentiality of sharpening your communication skill as part of your overall personality development. I congratulate all the contributors and the editorial board for bringing out such a beautiful magazine.

We feel proud to provide quality education by equipping our students with skills, confidence and a positive approach with an all-round development. The college is relentlessly striving to perceive and maintain academic excellence at the same time encourages the students to participate in various co-curricular and extra-curricular activities. An amiable environment at Devkiba Campus nurtures creativity, passion, resilience and leadership qualities among students for development of versatile personality. We are a college with a difference! We value individualism, creativity and innovation and strive to nurture them in our students. We aim to not just impart knowledge to the students, but also to inculcate in them - wisdom, compassion and a humanitarian spirit. We have a multi-cultural student population from all over India; hence we teach students the importance of tolerance and respecting each other’s culture. Discipline, values and integrity are the very foundation of this college.

We started as Smt. Devkiba Mohansinhji Chauhan College of Commerce & Science in 2014, this year we added our new segment “College of law” we inherited a strong foundation to march ahead and achieve the within mentioned education objectives for a stronger and brighter India. Measures initiated by the Hon. Management, steps taken by the college administration, the willing contribution of the teaching and non-teaching staff and over whelming response and enthusiastic participation of my dear students in the college activities in the recent past all vouch for this. When all the constituents come together and work in unison, the expected results are bound to flow.

I am proud of being the Principal of such a wonderful institution dedicated to the causes of better India through education and real empowerment of students.

Sd/-

Prof. (Dr.) Ambadas S. Jadhav
Principal

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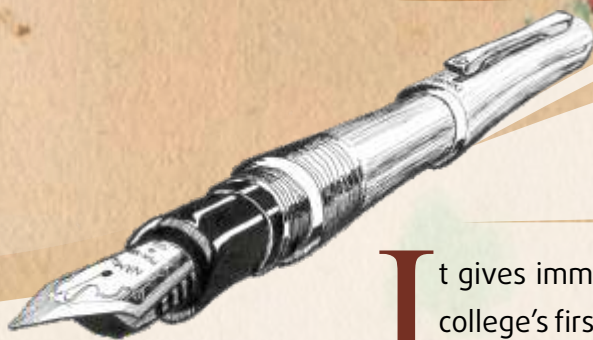
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Editorial

It gives immense pleasure and satisfaction to introduce our college's first magazine "**DARPAN**".

This is our attempt to highlight the creativity in our students and faculty, also to give you insights of our college.

A mirror reflects everything as it is but the view changes depending on where you stand. This magazine focuses on portraying our college in its truest form through all the point of views.

The essential purpose of this magazine is to inform, engage, inspire and entertain a diverse readership that includes everyone related to our college.

An intimate, timely and honest portrait of Devkiba College and everything that makes it an amazing institution is present in this magazine, be it its people, challenges, resources and most importantly the mission.

In the originality of its conception, in the excellence of writing and commitment to accuracy and healthy discourse, the magazine endeavours to reflect the values and the quality of this Institution.

MESSAGE FOR STUDENTS

Don't study because you need to, study because knowledge is power. Study because they can never take it away from you. Study because you want to know more. Study because it enhances you. Study because it grows you.

EDITORIAL & MAGAZINE COMMITTEE



Ms. Ratna Yadav
(Asst. Professor)



Ms. Ketaki Kothari
(Asst. Professor)

MAGAZINE COMMITTEE



Ms. Bhavna Agarwal
(Asst. Professor)



Ms. Ashwina Patel
(Asst. Professor)



Ms. Kajol Bramhadande
(Asst. Professor)



Dr. Atul Babar
(Asst. Professor)



Ms. Mital Patel
(Asst. Professor)

COMMERCE & SCIENCE FACULTY

| | | |
|----|---------------------------|--------------------------------------|
| 1 | DR. AMEE OZA | VICE-PRINCIPAL, CHEMISTRY DEPT. |
| 2 | MS. SHOBHNA DANGWAR | HOD, COMMERCE DEPT. |
| 3 | MS. SEEMA BHATNAGAR | ASST. PROF., BOTANY DEPT. |
| 4 | MS. RATNA YADAV | ASST. PROF., ZOOLOGY DEPT. |
| 5 | MR. SHRIKANT SHINDE | ASST. PROF., PHYSICS DEPT. |
| 6 | MS. BHAVNA AGRAWAL | ASST. PROF., MATHS DEPT. |
| 7 | MS. KETAKI KOTHARI | ASST. PROF., ZOOLOGY DEPT. |
| 8 | MS. ASHWINA PATEL | ASST. PROF., CHEMISTRY DEPT. |
| 9 | MS. HEMALI B. PATEL | ASST. PROF., COMMERCE DEPT. |
| 10 | MS. KAJOL M. BRAMHADANDE | ASST. PROF., COMMERCE DEPT. |
| 11 | MS. RENUKA A. SURYAVANSHI | ASST. PROF., COMMERCE DEPT. |
| 12 | MS. MITAL PATEL | ASST. PROF., CHEMISTRY DEPT. |
| 13 | MR. JYOTINDRA JARIPATKE | ASST. PROF., PHYSICS DEPT. |
| 14 | MS. NILAM U. YADAV | ASST. PROF., BOTANY DEPT. |
| 15 | MR. TOFIQ M. NOORANI | ASST. PROF., COMMERCE DEPT. |
| 16 | MS. SNEHAL M. BHADGAONKAR | ASST. PROF., MATHS DEPT., ADMIN HEAD |
| 17 | MS. NIDHI N. PATEL | ASST. PROF., COMPUTER (CS) DEPT. |
| 18 | MS. TEJAL MORE | ASST. PROF., COMMERCE DEPT. |
| 19 | MS. MAITARY MAHTO | ASST. PROF., COMMERCE DEPT. |
| 20 | MR. VIJAY RAJPUT | ASST. PROF., COMMERCE DEPT. |
| 21 | MR. DIPESH PATEL | ASST. PROF., COMMERCE DEPT. |
| 22 | MS. MADHURI P. NARKHEDE | ASST. PROF., COMPUTER (CS) DEPT. |
| 23 | MS. VIDYA RAO | ASST. PROF., COMPUTER (CS) DEPT. |
| 24 | DR. ATUL G. BABAR | ASST. PROF., ZOOLOGY DEPT. |
| 25 | MR. ATUL RATHOD | ASST. PROF., COMMERCE DEPT. |

LAW FACULTY

| | | |
|---|-----------------------------|--------------------|
| 1 | MS. NISHA PAREKH | I/C. PRINCIPAL |
| 2 | MS. SUMAN SHARMA | ASST. PROF. OF LAW |
| 3 | MS. PADMAJA KUNAL DESHPANDE | ASST. PROF. OF LAW |

NON TEACHING STAFF

| | | |
|---|---------------------------|-----------------------------|
| 1 | MR. SHIV BHATT | ADMIN STAFF |
| 2 | MS. YOGITA BHOSALE | ADMIN STAFF |
| 3 | MR. VANRAJSINH N. SOLANKI | ADMIN STAFF |
| 4 | MS. GITA CHAUDHARI | CHEMISTRY LAB. ASST. |
| 5 | MS. GIRIJA SINGH | LIBRARY ASST. |
| 6 | MS. PARUL MISTRY | BOTANY & ZOOLOGY LAB. ASST. |

SUPPORTING STAFF

| | |
|---|---------------------|
| 1 | MS. BHAVIKA PATEL |
| 2 | MS. SANTOSH MEENA |
| 3 | MR. MAHENDRA PATEL |
| 4 | MR. IFTAR H. SHAIKH |
| 5 | MS. REKHA PRAJAPATI |
| 6 | MS. LAXMI PAGI |
| 7 | MS. SANGITA HARIJAN |
| 8 | MR. KIRAN HARIJAN |
| 9 | MR. ANANDA D. NIKAM |

Flashback



Campus Placement



Christmas Celebration



Kite Making Competition



Group Day



Halloween Day



Group Day



Rangoli Competition



Freshers Party



Food without Heating



Science and Commerce Exhibition



Cultural Events 2017-18



Independence Day



Republic Day



Orientation Day



Bollywood and Retro Day



Group Day



Halloween Day



Signature Day



Traditional Day



Traditional Day



Thanks Giving Day



Diwali Celebration



Navratri Celebration

Cultural Events 2017-18



Aarti Thali Decoration Competition



Face Art Competition



Card Making Competition



Rangoli Competition



Rangoli Competition



Solo Dance Competition



Toran Making Competition



Toran Making Competition



Food without Fire



Our teachers and students participated in various competitions held at Hindi Pakhwada 2017.

Our student Guruprasad Panda (F.Y. B.Com.) stood 3rd and Preeti (F.Y. B.Com.) stood 3rd in Hindi Elocution competition. Students also won 2nd prize in patriotic group song competition.

Teachers won 1st prize in patriotic group song competition. Asst. Professor Ms. Ketaki Kothari won 3rd prize in elocution competition. Asst. Professor Ms. Neelam Yadav won 3rd prize in essay competition.



Department of Sport



The Department of Sports of Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science, Silvassa was formed in the year 2016-17, this committee includes the following members:

1. Mr. Jyotindra Jaripatke (Coordinator)
2. Dr. Atul Babar
3. Ms. Bhavna Agrawal
4. Mr. Dipesh Patel
5. Mr. Vijay Rajput



Highlights of the Department:

1. In the year 2016-17, two indoor sports events were conducted namely:-
"Intra College Carrom Competition 16-17"
"Intra College Chess Competition 16-17"
2. In the year 2017, our students participated in Volleyball Competition during Inter Zone Sports Tournament Conducted by University of Mumbai in Thane, Mumbai.
3. In the same year, one of our students participated in Athletics conducted by University of Mumbai at University Sports Pavilion, Marine Lines, Mumbai.
4. In the year 2017-18, two indoor sports events were conducted namely:-
"Intra College Carrom Competition 17-18"
"Intra College Chess Competition 17-18"
"Intra College Table Tennis Competition 17-18"



NSS unit of Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science, Silvassa was started from academic year 2017-18. The unit consists of 50 volunteers headed by two Programme Officers Ms. Hemali Patel (Assistant Professor of Commerce) and Dr. Atul Babar (Assistant Professor of Zoology). The central objective of our unit is to generate an interest for social work among college students. It also provides a platform for the interested students to participate in social work during their free time. Our volunteers also assist various events, programmes and projects organized by various other departments of the college.

Rally to popularize biofuel as energy source on 9th August 2017:

Our NSS unit took part in rally to popularize biofuel as energy source organized by Indian Oil Corporation Ltd. in collaboration with Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science, Silvassa and Lion's English School, Silvassa. The main objectives of rally are to sensitize common people to use renewable energy resources like biofuel, solar, wind etc. The Rally was inaugurated by Hon. Shri. Fatehsinhji Chauhan (Chairman, Lions club of Silvassa charitable trusts) at 9:30 a.m. in Devkiba College Campus. The rally routed from College campus to Collector office and back. It ended by organizing valedictory function in Lions English School, Silvassa. It was chaired by Shri. Devdas R. Shah (Secretary Lions club of Silvassa charitable trusts). In the valedictory function, the Officers from Indian Oil Corporation and Principal, Lion's English School, Silvassa guided the students regarding the importance of biofuel. College student as well as school students shared their views on the objectives of the rally.

NSS Day Celebration:

All NSS volunteers of Smt. Devkiba Mohansinhji Chauhan College of Commerce & Science, Silvassa celebrated NSS day 24th September 2018 by organizing poster exhibition on the topics like women empowerment, blood donation, addiction free India, addiction of social networking site, problems of child labour etc. Hon. Shri. Fatehsinhji Chauhan (Chairman, Lions club of Silvassa Charitable Trust) inaugurated the event.

Swachhata Abhiyan:

NSS unit conducted "Swachhata Abhiyan" on 2nd October 2017 on the occasion of Mahatma Gandhi Jayanti. All the faculties, members from Management committee and non-teaching staff participated in this 'Abhiyan'.

Anti-tobacco campaign:

NSS unit organized 'Anti-Tobacco awareness campaign' for NSS volunteers at our college on Friday 6th October 2017 at 1:00 pm. Mr. Madhusudan Samal (District Consultant) and Mr. Ketan Raut (Psychologist) from Medical and Health Services, Silvassa -39230, UT of Dadra & Nagar Haveli guided NSS students in FIGHT AGAINST TOBACCO CAMPAIGN.

Mind Training Camp:

Ms. Hemali Patel and Dr. Atul Babar participated in Mind Training Camp organized by Patuck Gala College, santacruz in collaboration with Mind training institute of South Korea and University of Mumbai on 15th September, 2017

Volunteers at workshop "Science Communication" organized by Department of Zoology and Physics on 25 September 2017:

Volunteers of NSS Unit of Smt. Devkiba Mohansinhji Chauhan College of Commerce & Science, Silvassa did volunteering in the workshop of "Science Communication" organized by Department of Zoology and Physics on 25th September 2017. Mr. Anant Pande (Research Scientist, Wildlife Institute of India, Dehradun) and Mr. Anirudhkumar Vasava (Voluntary Nature Conservancy, Anand) guided student for writing scientific research proposal, application for internship, biodata writing and scientific communication through email.

Volunteers at seminar on "Sexual Harassment at Work Place" organized by Women Development Cell:

Women Development Cell of Smt. Devkiba Mohansinhji Chauhan College of Commerce & Science, Silvassa organized seminar on "Sexual Harassment at Work Place" on 22nd December 2017. NSS volunteers actively participated in discipline and hospitality committee.

Orientation Program for NSS Programme Officer:

Dr. Atul Babar attended 7-day Orientation Program from 2nd December 2017 to 8th December 2017 for NSS Programme Officer at ETI, Ahmednagar.



Women Development Cell



As per the guidelines of the Vice-Chancellor of University of Mumbai, our College Smt. Devkiba Mohansinhji College of Commerce and Science have introduced a Women's Development Cell in the academic year 2017-18. The Women's Development Cell (WDC) is a statutory body for the prevention/action against sexual harassment of women. It looks into the grievances/complaints of teaching, non-teaching staff and students, especially in cases of gender discrimination.

Objectives

- To create awareness of sexual harassment through guest lectures
- To ensure protection of girls/women from sexual harassment studying/working in the premises
- To redress the cases of sexual harassment if any
- To enforce disciplinary framework for students
- To organize workshops, seminars and talks to convey the message of Gender Equality (Gender Sensitization Workshops)
- To organize the gender awareness through posters/slogans/essay competition/screening of films/street plays
- To organize the programs with other associations of the college such as Students council, Cultural Association, etc.

Inauguration of Women Development Cell was done by Hon'ble Chairman Sir Shri. Fatehsinhji Chauhan on 22nd December; 2017. WDC organized seminar GARIMA on "Sexual Harassment at Work Place". The resource persons were Ms. Suman Sharma, Mrs. Nisha Parekh and Mrs. Padmaja Deshpande, faculties from Smt. Devkiba College of law.

More than two hundred students and teachers from college and school participated in the seminar. The organizers of the seminar were, Ms. Ketaki Kothari, Ms. Kajol Bramhadande and Mrs. Ratna Yadav.

Committee (2017-18):-

Mrs. Ratna Yadav (Coordinator), Ms. Ketaki Kothari, Ms. Kajol Bramhadande, Ms. Suman Sharma, Mrs. Nisha Parekh, Ms. Vidya Rao

Workshops attended:

1. Mrs. Ratna Yadav and Ms. Ketaki Kothari attended Training Programme on 'Sexual Harassment of Women at Workplace' at University Campus, Mumbai University on 13th February 2017.
2. Mrs. Ratna Yadav and Ms. Kajol Brahmadande attended workshop on 'Empowering Self', at Rizvi College, Mumbai on 21st August 2017.

Activities planned for 2018-19:

- Workshop on awareness of cervical cancer.
- Female hygiene program.
- Workshop women Entrepreneur.



FACULTY MEMBERS

(1) Ms. Shobhana Dangwar [H.O.D.] (2) Mr. Atul Rathod (3) Ms. Hemali B. Patel (4) Ms. Kajol M. Bramhadande (5) Ms. Renuka Suryavanshi (6) Mr. Tofiq M. Noorani (7) Ms. Tejal More (8) Ms. Maitary Mahto (9) Mr. Vijay Rajput

SEMINAR ON PERSONALITY DEVELOPMENT

A Seminar on Personality Development (Manners and Etiquettes) was conducted by Assistant Professor, Mr. Dipesh Patel (M.Sc. and MBA) for F.Y.BMS students. The presentation benefitted the students in the following ways:-

1. It provided information on the various types of manners & etiquettes they should follow in their routine life.
2. It gave information about social, dressing, table manners, telephonic, classroom, and home etiquettes.
3. It gave information about how to implement manners and etiquettes in routine schedule.
4. Videos on table manners and general etiquettes were shown to students to make them aware about the basic etiquettes and manners to be followed by students in their daily routine life.
5. Students were encouraged to discuss and ask questions regarding the various Manners and etiquettes.



SEMINAR ON CAREER GUIDANCE

A career counseling session was conducted Assistant Professor Zankhana Antordia (MBA, NET) of GIDC Rajju Shroff ROFEL institute of Management studies, Vapi.

There was a detailed discussion regarding the criterion and benefits of giving CMAT examination. Around 200 students from B.Com. and BMS attended the counseling class and found it very informative. Students raised queries and asked relevant questions relating to getting admission in MBA colleges and

career opportunities. She gave all the information about higher education and career opportunities.

ACTIVITY ON EMPOWERING ENTREPRENEURIAL SKILLS

The activity was conducted by Assistant Professor, Mr. Tofiq Noorani. Students were shown various videos and short movies on entrepreneurial skill development. The students really had a very good learning process and at the end of each short video / film viewed the students where asked questions which would relate them to the topics they have learned in classroom learning.

Some of the topics that they have learned are mentioned here:-



Department of Commerce



- Concept and need for Entrepreneurship Development.
- External Influences on Entrepreneurship Development.
- Innovation, Invention, Creativity in Entrepreneurship.
- SWOT Analysis etc.



MOVIE BASED LEARNING

Movie based learning session was organized for BMS and B.Com. students. Movie based learning can build interest in a topic that is being learned while providing a small break from normal classroom activities. Students have learned many things along with fun and enjoyment.

It was observed that presenting information in numerous ways can be the key to helping students understand topics. Sometimes a movie can include moments that go beyond what we are teaching in a lesson and allow us to

highlight other important topics. In this movie along with some educational topics strong focus on parents efforts and care for their wards was also made, making student feel more attached with their parents.

COMMERCE EXHIBITION

Commerce exhibition was organized on 22/12/17 for BMS and B.Com. students. Exhibition can build interest in a various business plans and activities. More than 25 projects were displayed by the students on various innovative ideas. It was a very good interactive and learning session for all the students. Students learned many innovative things along with fun and enjoyment.



SEMINAR ON DIGITAL MARKETING

A seminar on Digital Marketing was conducted by Assistant Professor Arpita Bhatt (MBA, NET) of Laxmi Institute of Management, Sarigam.

There was a detailed discussion regarding the Scope of Digital marketing in recent economic development. Around 200 students from BCOM and BMS attended the seminar. Students raised queries and asked relevant questions relating to development and advantage of digital marketing. She gave all the information about functioning and future growth of Digital Marketing.



(Admin. Office of College)

The smooth running of college, it needs highly organised, students and staff friendly, approachable educated administrators who are passionate about making a difference in the sector. Office administration is a set of day-to-day activities that are related to financial planning, record keeping & billing, personnel, physical distribution and logistics, within an organization.

In every office, there are go-to persons that everyone knows can get things done and has the answers. The office administrator organizes, supervises, and solves problems so that the organisation runs smoothly. Having an eye for detail, being able to handle multiple tasks at once, and communicating effectively are all important skills needed to be successful in this sector.

Working as an office administrator requires a diverse skill set and the ability to multitask under even the most hectic conditions. Because office administration positions are available across a variety of organisation, it also means being adaptable to a variety of different environments and procedures.



College Administrative Staff List

Mrs. Snehal Bhadgaonkar, Mr. Vanrajsinh Solanki, Mr. Shiv Bhatt, Mrs. Yogita Bhosale

Department of Botany



Botany, also called plant science(s), plant biology or phytology, is the science of plant life and a branch of biology. B.Sc. (Botany) is a 3yrs degree course which deals with the study of plants and their physiology, anatomy and reproduction etc. This is a specialized branch of biology which deals with the scientific study of plants, algae and fungi.

Faculties :

Mrs. Seema Bhatnagar, Mrs. Nilam Yadav & Mrs. Janhavi Arekar (Visiting Faculty)

Achievements:

Mrs. Seema Bhatnagar attended workshop on T.Y. B.Sc. (Botany) syllabus and S.Y. B.Sc. (Botany).

Mrs. Nilam Yadav attended workshop on T.Y. B.Sc. (Botany) syllabus and S.Y. B.Sc. (Botany).



HIGHLIGHTS OF BOTANY DEPARTMENT:-

Seminar based Learning:

We encourage our students for giving seminars in classrooms as seminar-based learning is considered to be more amenable to self-direction than formal didactic lectures.

Educational Tours:

We had arranged educational tour for students to give them exposure to nature and have practical experience. We have been to Damodar Farm to study Organic Farming. We used to visit various nurseries and forests like Falandi, Sheetal nursery & Bonta Forest to study vegetation of Silvassa.

Landscaping:

As part of curriculum our students learn different types of landscaping (garden designing).

Floral Arrangement:

As part of curriculum we teach our students floral arrangements:

- Fresh Flower Arrangements in Indian ceremony
- Dry Flower Arrangement
- Ikebana type of Arrangements
- Bonsai type

Departmental Activities:

- Best of Waste (Pot Making)
- Poster Painting Competition
- Quiz Competition
- Plantation



Motto: Positive Thinking Positive Action

- ↗ Inception of our department took place in the year 2014
- ↗ Our First batch of TYBSc (Chemistry) students passed out in the year 2017.
- ↗ Intellectual Capital of our Department: Dr. Ameer Oza, Ms. Ashwina Patel, Ms. Mittal Patel and Ms. Gita Chaudhari
- ↗ We have well planned laboratory with major safety precautions taken care off.
- ↗ Equipments are installed and being used in the Department:
 - Fume Hood,
 - Electronic Balance
 - Potentiometer
 - Conductivitymeter
 - pH-meter
 - Thermo-stated water bath
- ↗ Our department emphasizes both on theoretical and practical skills.
- ↗ We provide best training in handling laboratory equipments with emphasis on safety precautions.
- ↗ We provide extension of the laboratory techniques and methods employed in industries through actual Industrial Visits to Pharma Industries like IPCA and FMCG companies like Hindustan Unilever Limited.



Achievements:

- ↗ 75% of our students secured A grade in their B.Sc. (Chemistry)
- ↗ Members of our department Dr. Ameer Oza and Ms. Mittal Patel were appointed as External Examiner for TYBSc Sem V Practical Examinations.
- ↗ Dr. Ameer Oza presented papers at National Conferences organized by Comrade Godavari Shamrao College of Arts, Commerce and Science, Talasari, SSR College of Arts, Commerce and Science, Silvassa and at St. Wilfred College of Law, Panvel.
- ↗ Also Dr. Ameer Oza was appointed as a Moderator for the University Assessment for Analytical Chemistry

Our future programs are:

- ↗ Invited Talks By Eminent Speakers
- ↗ Projects related to environment
- ↗ Writing skills in science fiction
- ↗ Creative presentation of concepts



Dept. of Computer Science



In this era of Computerization, Digitalization and Automation, there is barely any field of research or any industry left that is not benefitting from Computer Science or Information Technology. The Graduation course in Computer Science holds big importance in cultivating skilled professionals. The courses of third-year of B.Sc. (Computer Science) are therefore designed in a such way which will develop the students not only as a professional developer but also with the view of research oriented. Not only does it prepare the students for a career in Software industry, it also motivates them towards further studies and research opportunities.

The core philosophy of overall syllabus is to -

- Form strong foundation of Computer science,
- Introduce emerging trends to the students in gradual way,
- Groom the students for the challenges of ICT industry

Faculties: Ms. Nidhi Patel, Mrs. Madhuri Narkhede, Ms. Vidya Rao

HIGHLIGHTS OF CS DEPARTMENT:

Well-equipped Computer Lab

We have highly configured computer lab with 1:1 student-computer ratio.

Internet Facility

Students can access internet in the lab for their studies as well as research purpose.

Project Based Learning

As part of the curriculum the students develop a working project during last semester, through which students learn teamwork, time-management and pressure handling. They also develop self-learning skills while making projects.

Platform for Skill Development

We encourage the students to develop their skills in programming, web development and database management by arranging various competitions like programming competition, website development competition and database normalization competition.

Exposure to New Technology

We arrange seminars & workshops by experts from industries to keep students updated with upcoming technologies in industries.



'Life is a Math Equation. In order to gain the most, you have to know how to convert the negatives into positives'

MOTTO: 'LISTEN, THINK AND TRY'

Faculties:

Mrs. Bhavna Agrawal, Mrs. Snehal Bhadgaonkar, Mr. Dipesh Patel

Activities:

Conducted various activities to enhance the learning such as Power Point Presentation by the student, Assignment presentation by the student, Group discussion and chalk and talk method, personal brain storming session

Workshops, Seminars, Conferences and Publications:

- Agrawal Bhavna (2017). Developing topological concepts in school education with reference to Jean Piaget development theory. Management Guru: Journal of Management Research. 5 (02). pp. 384-387
- Mrs. Bhavna Agrawal Participated in National Seminar on Scientific and technical terminology in Higher Education organized by Commission for Scientific and Technical Terminology, MHRD and Dr. APJ Abdul Kalam Government College at Dr. APJ Abdul Kalam Government College, Silvassa During February 12-13, 2017.
- Mrs. Bhavna Agrawal and Mrs. Snehal Bhadgaonkar Participated in various workshops on Mumbai University syllabus organized by various colleges in Mumbai.
- Mrs. Bhavna Agrawal and Mrs. Snehal Bhadgaonkar were appointed as external examiners for practical exam of T.Y. B.Sc for two consecutive years (2016-17, 2017-18)



Department of Physics



“Physics is really nothing more than a search for ultimate simplicity, but so far all we have is a kind of elegant messiness.”

- Bill Bryson, A Short History of Nearly Everything

PHYSICS- A natural science that involves the study of matter and its motion and behavior through space and time, along with related concepts such as energy and force.

The main goal of physics is to understand how the universe behaves.

The goal of physics is to provide the student with a broad understanding of the physical principles of the universe, help them develop critical thinking and quantitative reasoning skills, to empower them to think creatively and critically about scientific problems and experiments.

BRANCHES OF PHYSICS:

1. OPTICS- This branch of physics deals with the behavior and properties of light.
2. MODERN PHYSICS- Modern physics is a branch of physics which focuses on the theory of relativity and quantum mechanics.
3. CLASSICAL MECHANICS- Classical mechanics studies the motion of macroscopic objects as well as the cosmic entities such as stars, galaxies, planets and also the behavior of solid, liquid and gas and many more.
4. NUCLEAR PHYSICS- Nuclear physics deals with the study of the protons and neutrons (its constituents and interactions) at the centre of an atom.
5. ELECTROMAGNETISM- Electromagnetism is the study of electromagnetic force, existence of electricity like light, electric field, magnetic field, and so on.
6. ASTROPHYSICS- The branch of natural science, Astrophysics deals with the study of astronomical objects like Stars, Galaxies, Planets, Comets and other celestial objects.

Faculty Members: (1) Mr. Shrikant Shinde (2) Mr. Jyotindra Jaripatke

Careers in physics: Whether you want to explore space, time, matter or the many other intriguing elements of the physical world, a physics degree can do wonders for your career path. While many physics graduates go on to work within research roles, these are spread across many different industries – including education, automotive and aerospace industries, defense, the public sector, healthcare, energy, materials, technology, computing and IT.

Research scientist careers: Although it is possible to enter into scientific research as a trainee or technician with a good undergraduate degree, those looking to pursue long-term careers in research should consider further study, as senior research roles are often reserved for those with at least a master's degree. As well as the MSc, and PhD qualifications

Careers in space and astronomy: Everyone wants to be an astronaut where they're young, but if you study physics you may actually have a chance! Of course, roles within the space sector are limited and highly competitive, and most do not include any direct involvement in space travel. As an astronomer, your job would essentially be to study the universe, collecting data from global satellites and spacecraft and operating radio and optical telescopes.

Careers in healthcare: Although it may not be the first industry you think of, physics careers in the healthcare sector are numerous. Medical physics overlaps significantly with biomedical engineering, and physicists work alongside biomedical engineers to create, review and maintain medical technologies and equipment. As well as testing, responsibilities in this area include research, design and quality assurance.

Careers in engineering: The engineering sector provides many careers in physics, particularly within manufacturing and technology-based roles. Physics graduates are often asked with improving and developing products and manufacturing processes, and benefit from a large range of potential employers spanning multiple industries such as medicine, energy, renewable energy, transport, defense, space exploration and telecommunications.

Careers in energy: A physics graduate's role here could be to collaborate with other scientists and engineers to develop efficient and functional energy systems which harness the Earth's energy sustainably and cost-effectively.

Careers in technology: A broad arena of continual growth and innovation, the technology sector is a constant source of new opportunities, challenges and career paths. For physics graduates, there is scope to work alongside other specialists in order to develop new ideas and products. Fields with particularly high demand for research and development workers from various backgrounds include relatively young and potential-rich fields such as robotics, nanoscience and nanotechnology.

Geophysics and meteorology careers: Those who study physics are also prime candidates for environmental careers, thanks to their scientific understanding of the ways in which the Earth functions. While geophysicists are more concerned with the prediction of natural disasters, meteorologists focus on areas such as daily weather forecasting, as well as researching the long-term effects of climate change.

“The zoologist is delighted by the differences between animals, whereas others would like all animals to work in fundamentally the same way.”

OUR MOTTO: EMPOWERMENT THROUGH EDUCATION... PERFECTION THROUGH PERSEVERANCE...

Do you like animals? More than likely, you do. Zoology involves the study of animals. Not just any study, but how to classify animals, their history, their anatomy and physiology, their development, and so much more.

Faculty Members: 1) Mrs. Ratna Yadav 2) Ms. Ketaki Kothari 3) Dr. Atul Babar

Laboratory Assistant: Mrs. Parul Mistry

ACTIVITIES CONDUCTED BY DEPARTMENT

1. Field trip was organized by zoology department for students of F.Y, S.Y and T.Y B.Sc. Students were taken to Damodar farm, Silvassa. Students studied vermicomposting, vermiculture, bio fodder and herbal medicines.
2. Field trip was organized for students of S.Y. and T.Y. B.Sc. and were taken to Devka beach, Daman. Students studied about various marine animals – invertebrates and vertebrates, their habit and habitat.
3. Training on 'First Aid' was organized for students of F.Y and S.Y B.Sc. with help from Red Cross Society, Silvassa.
4. Seminar on 'Identification of venomous and non-venomous Snakes' was carried out by Dr. Mallikarjun Karimungi.
5. Bird Watching activity was enjoyed by students at Nakshatra Van Garden, Silvassa. Students learned identification of different species of birds of the area. WII-ENVIS center on Wildlife and Protected Areas in collaboration with Voluntary Nature Conservancy, Anand and Smt. Devkiba Mohansinhji Chauhan College of Commerce & Science, Silvassa conducted a bird watching camp as primer for the Green Skill Development programme initiative.
6. Science Skill Development workshop was conducted for B.Sc. students by Zoology Department. Mr. Anand Pandey, project Scientist, Wildlife Institute of India, Dehradun and Mr. Aniruddh Vasava, project coordinator, Voluntary Nature Conservancy, Anand, visited as resource persons.



Achievements and accomplishments:

1. Mrs. Ratna Yadav was appointed as external examiner for practical exams of T.Y. B.Sc. Zoology for two consecutive years (2016-17, 2017-18).
2. Mrs. Ratna Yadav judged drawing competition and skit competition at Town hall, Silvassa under Digital India Programme.
3. Mrs. Ratna Yadav and Ms. Ketaki Kothari attended seminar on 'Science Teaching and Technical Terminology in Higher Education' conducted by Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, at Dr. APJ Abdul Kalam Govt. College, Silvassa.
4. Ms. Ketaki Kothari attended workshop on revised syllabus of T.Y. B.Sc. at SIES college, Mumbai, organized by University of Mumbai.
5. Ms. Ketaki Kothari was invited as judge for Science Exhibition held at Govt. school.
6. Dr. Atul Babar attended workshop on “Scientific Communication” at APJ Abdul Kalam Government College, Silvassa as Resource Person.

Prime Minister's Visit



An exceptional and majestic day for the college when our Hon'ble Prime Minister Shri Narendra Modi visited the college. It was a historic moment for the college when the sacred and dutiful legs consecrated the ground as well the college. An aura of excitement was built up as the members of the college got an infrequent and invaluable opportunity to welcome our Prime Minister. Our Hon'ble Chairman Shri Fatehsinhji M. Chauhan gifted him a sword, as a token of love and respect. The day will be marked with golden letters in the history of the college.



Picnic and Industrial Visit



BALANCE-SHEET OF YOUR LIFE

What comes you credit.
 What goes you debit.
 The birth is your opening stock.
 Your ideas are your assets.
 Your views are your liabilities
 The happiness is your profit
 The sorrows is your loss
 Your soul is your goodwill
 Your heart is your fixed assets
 Your duties are your outstanding expenses
 Your friendship is your hidden adjustment
 Your character is your capital
 Your knowledge is your investment
 Your patience is your interest
 Your mind is your bank balance
 Your thinking is your current account
 Your behavior is your journal entry
 Bad things you should always DEPRECIATE.

- Mrs. HEMALI B. PATEL
 Assistant Professor
 Commerce Department



THIRSTY CROW

Once upon a time a crow was flying high in the sky, and felt thirsty, so it started searching for water. While searching it came across a pitcher having very little water in it. Now that crow was a student of chemistry and knew something about displacement reactions. So it started searching for substances which could bring about displacement of water. He started experimenting.

First he picked up a piece of dried hardened mud, and dropped it in the water. But lo! What happened, that mud soaked up the water and quantity of water in the pitcher got reduced. He stopped adding the dried mud pieces. Next he tried adding lumps of salt lying near the pot, again he saw that the white lump disappeared but there was no change in the level of water. He stopped adding it. Now he found pieces of coal, he started adding them, and this time he observed that muddy water was becoming clear, but again level of water was not rising. At last he attempted to add stones, but again there was no apparent change in the level of water. Frustrated and angry with thirst he started putting the stones in the pitcher at an increased pace. Suddenly he saw that the level of water had risen to the extent where he could easily drink it. After quenching his thirst he noted that next time if such a situation comes up then search and add only stones as they are the best displacing agents for water in a pitcher.

Moral of the story:

Do not give up even if your experiments fail, keep up the efforts albeit with care not to repeat the same mistakes again.

- Dr. AMEE OZA
 Vice Principal
 Chemistry Department



ARE WE REALLY EVOLVING?

Science says that life on earth evolved gradually beginning with a primitive species, it then branched out over time, throwing off many new and diverse species.

It is believed that human evolution, is the evolutionary process that led to the emergence of anatomically modern humans beginning with the evolutionary history of primates. It is said that human beings emerged as a distant species of the great apes.

But.....

If evolution means that a species changes to improve itself, 'human evolution' from apes is really questionable.

Once in a pre primary school, they had pictures of different animals and birds hanged on walls of classroom. Below each animal's picture there was a moral value that children could learn from them. For example – There was a picture of a dog and below it was written 'faithful'. Elephant's picture read the value 'helpful'. Parrot's caption was 'sweetness' whereas crow depicted 'cleverness'. As I looked at all the pictures, I wondered why there was no picture of human being – the most intelligent animal?

Maybe they did not keep human's picture because the only quality majority humans show now a days is selfishness.

We believe that we are by far most superior to any other insect, animal or plant on this earth.

Only man is able to express emotions. Although some animals seem to have similar abilities, but they cannot be compared with human emotions. But the question is, do we express gratitude, love and empathy towards others, or mostly it's just the opposite?

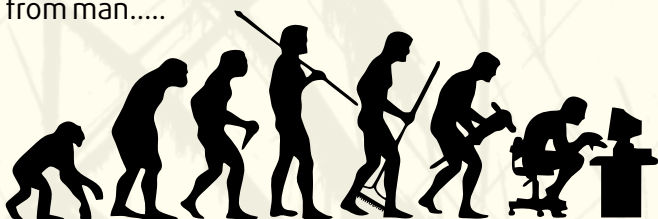
Man possesses the faculty of speech and his creative communication is much advanced than those animals. Do we speak words that can soothe pain, heal hearts and encourage our contacts or do our words make scars and wounds on hearts?

Humans use their brains in much more complex ways. The cognitive abilities of a human compared to an animal are incredible. But what is the use of our abilities if we cannot learn to forgive, cannot analyze others' feelings and cannot evaluate people on basis of their positive qualities?

We have the ability to discover, invent, learn new technology and adapt and use that technology. But unfortunately, we are mostly on path of discovering others' flaws, invent ways to blame others, learn and use technology in a negative manner.

Science says that DNA of humans and Chimpanzee matches 99%, but our value systems hardly match. Humans don't seem very satisfied. There is always something else they feel they need. On the other hand, most apes are quite content.

If I were to apply some logic to the theory of evolution, then I would logically have to believe that apes evolved from man.....



- MISS KETAKI KOTHARI
 Assistant Professor
 Zoology Department

LEADERSHIP

“Leadership is both a process and a property. As a process, leadership involves the use of non-coercive influence. As a property, leadership is the set of characteristics attributed to someone who is perceived to use influence successfully.”

Leadership is the creative process of leading people, making them do what perhaps they do not want to do, but do it with pleasure. One should not forget that leadership is related to motivation and interpersonal behaviour within the organization. Effective leadership involves delegation of authority to the subordinates in a dynamic manner. Leadership assists the managers in the preparation of the teams for the better achievement.

When looking at any organization, it is of importance to note that there are some people who would show some 'leadership signs' while others won't. Still, despite the common belief, leadership does not always have to be associated with the organizational conflict but rather the special wit of people like Gandhi, Napoleon, Lenin or George Washington. These people make us understand that there are numerous instances when the decisions and participation of one important person is vital. These people have some outstanding qualities that allow them to know what can be done, when and how.

Leadership is about influencing people. Usually leaders come to front in time of crisis and present innovative solution. Leaders know what they want to achieve and why. They possess vision.

Thus leadership is not about dictating people but about getting work done from them by influencing them, with a vision of superior goals to be achieved by in the most positive way.

- Ms. SHOBHNA DANGWAR
Assistant Professor & HOD Commerce



AMAZING ASTRONOMY FACTS

1. The Moon is moving away from the Earth 3.8 cm. every year.
2. About 1000 Earths would fit inside Jupiter and the Sun could hold about 1000 Jupiters.
3. The Sun produces so much energy, that every second the core releases the equivalent of 100 billion nuclear bombs.
4. The shape of the Universe looks a lot like a brain cell.
5. The moon's gravity is 17% of the Earth's so astronauts in space suits can jump 4 m high on the moon.
6. NASA uses part of the Arizona desert, USA to train Astronauts. The heat and dust storms make it unpleasant, but the harsh environment is ideal for trying out new equipments and techniques.
7. Scientists believe that they have found a hole in the Universe that may be evidence that another Universe exists.
8. Astronomers have found a planet outside our Solar System that has water. Unfortunately, it's a gas giant with a temperature of 1100 degree celsius and all the water exists as vapour. Its also 150 million light years away but its existence means there is likely to be other water bearing planets out there.
9. If you could drive an ordinary car to the Sun, travelling at 80 kilometres per hour, it would take over 212 years to get there.
10. The temperature on the Moon can change 380 degrees Celsius from day to night, as there is no atmosphere there to trap the heat of the Sun.
11. The Sun accounts for 98 percent of the mass of the Solar System.
12. Around a million, billion neutrinos from the Sun will pass through your body while you read this sentence.
13. You can see another galaxy with the naked eye, the Andromeda Galaxy, 2.2 million light years away.
14. The temperature on Mercury varies so extremely that it will rise up to 430 degree Celsius during the day and drop as low as -140 degree Celsius at night.
15. 90-99 % of all normal matter in the Universe is Hydrogen.

- Mr. JYOTINDRA JARIPATKE
Assistant Professor
Physics Department



MILLENNIALS AND TECHNOLOGY

“The internet has been a boon and curse for teenage”
 -J. K. Rowling

Let me first enlighten you about what technology means in a broader way rather than getting deeper into it. It refers to methods systems and devices which are the result of scientific knowledge being used for practical purposes. Now as the topic suggests, here I'm going to talk about technology related to people undergoing the phase change from teenage to adulthood. Advances in technology have heavily influenced Millennials throughout their childhood and into adolescence and adulthood.

The young youth has unlimited and free spirited exposure to internet, which is more of a curse rather than being a boon. 73% of Indian youths have a smartphone. Because of the great exposure to this internet at this tender age, the teenage is not able to understand the exact meaning of freedom and get themselves stuck in the social media.

The second biggest drawback is the attraction faced by millennial more towards the virtual world rather than real world. A complement from class mate or family member hardly matters but hundred like on instagram gives them thrill. Youths have turned like “agar me ye pehenunga toh baki log kya sochenge, ya dost kya sochenge rather than what mother would think”, because of this millennial are turning self-obsessed and self-centered. Which makes them insensitive; they are turning to monster without sympathy or empathy. They most talk about blue whale, which took life of many children, was part of this fantasy world. Scientists have found that technology affects multiple parts of the brain, which can result in underdevelopment of these areas. The parts of the brain that are affected by technology mostly relate to individuals communication and social skills. Compared to the previous generations, who didn't grow up relying on technology, the Millennial's are suffering in their ability to interact and communicate beyond a digital world.

The most precious time is wasted by youth on social media sites like WhatsApp, twitter, Facebook, Instagram etc. Social circle is on media only, most of the time they even don't know people living around them. According to many researchers social media are more dangerous than drug it is more addictive. It is an addiction which legal, undoubted, pleasing and most of all socially accepted by all.

Technology was introduced for benefit but has become curse, if limits are set it is really a boon. Well said by Albert Einstein;

“I fear the day that technology will surpass our human Interaction.
 The world will have a Generation of idiots.”

- Mrs. RATNA YADAV
 Assistant Professor
 Zoology Department



WHAT'S WRONG WITH PROOFS THAT SAY $1 + 1 = 1$ or $2 = 1$?

Now a days quite often we see mathematical equations that proves one plus one equals to one or two plus two equals to five on social media. These equations simply challenges the mathematical facts. One may amaze considering it magic of mathematics. Is it really mathematical magic? Can mathematic really prove wrong facts as true? Let's focus on how it is proven.

There are a lots of "equation" that claim to prove something that is obviously false, for example: $1 + 1 = 1$ or $2 = 1$. All of these "proofs" contain some error that most people aren't likely to notice. The most common trick is to divide an equation by zero, which is not allowed (in fact, you cannot even divide by zero). If any number divides by zero, it can "prove" anything it wants to, including false statements.

It's important to recognize that while these "proofs" may be funny but always contain some error, and are therefore not real proofs.

Here's one:

Prove that: $1 + 1 = 1$

$$a = 1 \text{ and } b = 1$$

$$a = b$$

$$a^2 = b^2 \quad [\text{squaring on both the sides}]$$

$$a^2 - b^2 = 0$$

$$(a-b)(a+b) = 0$$

$$(a-b)(a+b)/(a-b) = 0/(a-b)$$

$$1(a+b) = 0$$

$$(a+b) = 0$$

$$1 + 1 = 0$$

$$2 = 0$$

$$1 = 0$$

$$1 + 1 = 1$$

This false proof relies on dividing both sides of an equation by zero (disguised as $a-b$), whereas you can divide both sides of an equation by the same thing only as long as you are NOT dividing by zero.

- Mrs. BHAVNA AGRAWAL
 Assistant Professor
 Mathematics Department



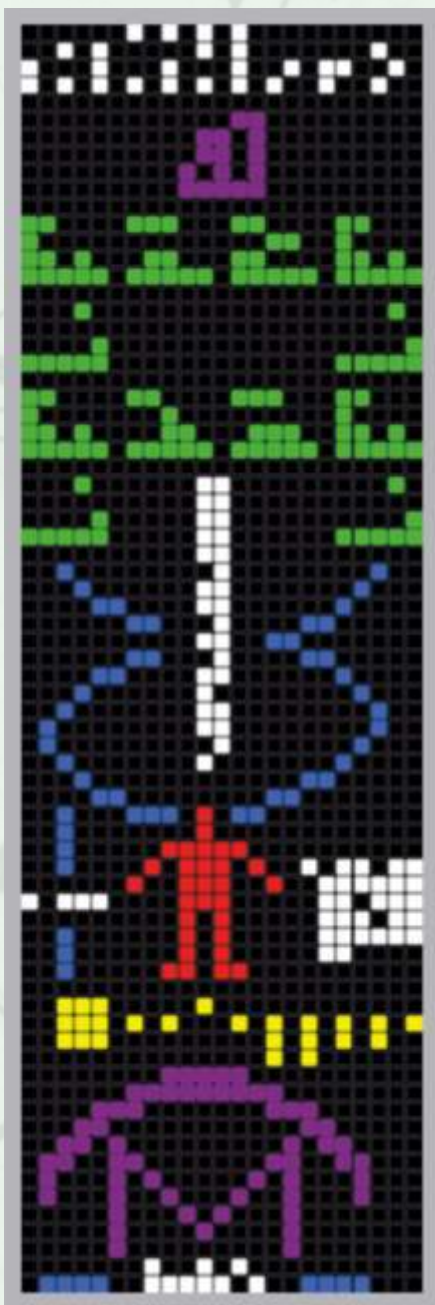
CHEMICAL THOUGHTS

- ↻ Precipitate your positive thoughts, filter your negative thoughts and move into the sublime state of Happiness.
- ↻ Positive attitude has the ability to extract best even from the most negative situations.
- ↻ Successful displacement reactions: In life involve displacement of negatives with positives
- ↻ Activation energy of Happiness should always be lowest.
- ↻ Every negative always attracts something positive, so have faith if things are looking bad in life; as it sure is the beginning of something positive.

- Dr. AMEE OZA
 Vice Principal
 Chemistry Department

THE FIRST RADIO MESSAGE SENT INTO SPACE TO CONTACT ALIENS

This is the most powerful broadcast ever deliberately beamed into space with the intention of contacting alien life. The broadcast formed part of the ceremonies held to mark a major upgrade to the Arecibo Radio Telescope in Puerto Rico. Some applauded this event as a mind-expanding attempt to remind people in 1974 that Earth is likely not the only planet where an intelligent civilization has evolved. At the time, others expressed concern. They felt we shouldn't be attempting to



The broadcast itself was simple, and elegant. It consisted of a pattern of binary numbers. This message contained information about the basic chemicals of life, the structure of DNA, Earth's place in our solar system and even a stick figure of a human. The actual message is below.

Dr. Frank Drake, then at Cornell University and creator of the Drake equation, wrote the message with help from Carl Sagan, among others. The message consists of seven parts that encode the following (from the top down):

1) The numbers one (1) to ten (10) (white)

The numbers from 1 to 10 appear in binary format (the bottom row marks the beginning of each number).

2) The atomic numbers of the elements hydrogen, carbon, nitrogen, oxygen, and phosphorus, which make up deoxyribonucleic acid (DNA) (purple)

3) The formulas for the sugars and bases in the nucleotides of DNA (green)

The nucleotides are described as sequences of the five atoms that appear on the preceding line. Each sequence represents the molecular formula of the nucleotide as incorporated into DNA (as opposed to the free form of the nucleotide).

4) The number of nucleotides in DNA, and a graphic of the double helix structure of DNA (white & blue)

DNA double helix; the vertical bar represents the number of nucleotides. The value depicted is

around
 4.3 billion, which was believed to be the case in 1974 when the message was transmitted. It is currently thought that there are about 3.2 billion base pairs in the human genome.

5) A graphic figure of a human, the dimension (physical height) of an average man, and the human population of Earth (red, blue/white, & white respectively)

The element in the center represents a human. The element on the left (in the image) indicates the average height of an adult male: 1.764 m (5 ft 9.4 in). This corresponds to the horizontally written binary 14 multiplied by the wavelength of the message (126 mm). The element on the right depicts the size of human population in 1974, around 4.3 billion. In this case, the number is oriented in the data horizontally rather than vertically. The least-significant-digit marker is in the upper left in the image, with bits going to the right and more significant digits below.

6) A graphic of the Solar System indicating which of the planets the message is coming from Earth. (yellow)

The Earth is the third planet from the Sun; its graphic is shifted up to identify it as the planet from which the signal was sent. Additionally, the human figure is shown just above the Earth graphic. In addition to showing position, the graphic provides a general, not-to-scale size reference of each planet and the Sun.

7) Telescope

A graphic of the Arecibo radio telescope and the dimension (the physical diameter) of the transmitting antenna dish (purple, white, & blue)

It took three minutes to send 1,679 bits of information – a snail's pace compared to modern computer modems. According to the SETI Institute:

The 1974 signal went out in the direction of M13, a globular star cluster orbiting the center of our Milky Way galaxy. It was chosen mainly because it's a large collection of stars, that was available in the sky at the time and place of the ceremony.

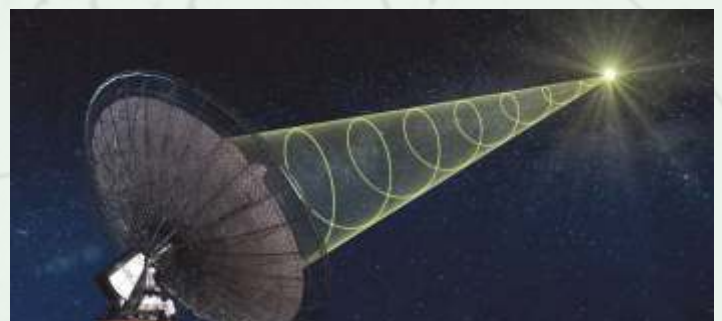
Global star clusters are very far away. M13 is about 23,000 light-years from Earth.

The 1974 signal is 39 light-years from us today.

The first radio signal intentionally sent to space with the idea of contacting alien life was beamed outward from the Arecibo radio telescope in Puerto Rico on November 16, 1974. What do you think? Should we be advertising our presence in space?

Source of the article:
<http://earthsky.org/space/this-date-in-science-first-radio-signal-beamed-to-space>

- Mr. SHRIKANT SHINDE
 Assistant Professor
 Physics Department





10 MOST INTERESTING FACTS ABOUT COMPUTER

Do You Know?

1. The first computer mouse was made with wood in 1964 by Doug Engelbart.
2. The Dirty Dozen was the name of a 12 engineer's group who developed the first IBM computer.
3. ENIAC was the first electronic computer which was weighed around 27 tons and it's taken up space around 1800sf (square feet).
4. In 1979, the first of first hard disk/drive was made to store the user's data and it could hold only data under 5MB.
5. Most of people know that "who is bill gates". Bill Gates, the founder of Microsoft was a college drop out. Bill Gates house was designed using a Macintosh computer.
6. In 1936, Russians were the first who made a computer that can be used in water.
7. There are around 1,319,872,109 peoples, currently using the Internet.
8. Every minute, 10 hours of videos are uploaded on YouTube.
9. Amazon, originally a printed book seller company, now sells more e-books than printed books.
10. YouTube was founded by 3 former employees of PayPal.

Source: www.prophethacker.com



- PAYAL CHOUHAN
 T.Y.B.Sc. (C.S.)



12 GEM THOUGHTS FOR CHANGING LIFE

1. 3 GOLDEN RULES:-
 Who is helping you, Don't Forget them.
 Who is loving you, Don't Hate them.
 Who is believing you, Don't cheat them.
2. Do not educate children to be rich, Educate them to be happy so that when they grow up, will know the value of things and not just the price.
3. Anything that makes you weak physically, intellectually and spiritually, reject as poison.
4. A man is great by deeds, not by the birth.
5. If you WANT to SHINE like SUN,
 FIRST burn like SUN.
6. Your best teacher is your last mistake.
7. Success is when your "signature" changes to "Autograph".
8. You can't change your future, but you can change your habits and surely your habits will change your future.
9. Failure only proves that the effort to succeed does not come from the whole mind.
10. Whatever children are taught, if they do too, then this world will become heaven.
11. There is no hope of rise for that family or Country where there is no estimation of women, where they live in sadness.
12. Confidence and Hard work are the best medicines to kill the failure.

Source: Internet



- SHWETA MISHRA
 T.Y.B.Sc. (C.S.)



A GIRL'S LIFE

A child is born,
 Wearing happiness crown.
 The child wakes up from its sit
 Now she is ready and fit
 She starts to school,
 Where she feels nice and cool.
 Now she's in teenage,
 Where she got study's stoppage.
 It was the First stage of her life.....
 Now she will live different life.



She will leave her everything
 and accept stranger's anything.
 She will leave her parents
 and accept stranger's parents
 To her family she will give surprise
 by doing all her compromise.
 It was the second stage of her life.....
 Now she will live different life.

She will give birth to a baby,
 very cute and chubby
 She will become Mother,
 whose place cannot be taken by other.
 She would take care of her child
 It is custom in both domestic and wild.
 It was the third stage of her Life....



At last,
 One day she will die,
 and it is not a lie.
 She lived her life for others
 and it is the truth of her sacrificed life.



- NISHAD BANU MEMON
 F.Y.B.Sc.

HARDWORK - THE MIND GAME

A way to success is harder to find,
 To make it easier one should know the logic behind.
 Before the minute of hardwork slips away,
 One should be able to find the way.

The harder we work, the faster we succeed,
 The more we succeed, the more we need.
 It's the fact of world to achieve fame,
 But for this, should know mind game.

Know the logic as fast as you can,
 Before the fear of failure finishes the man
 Once you get the key of success way,
 Your life will be happy & gay.

Once you win the success game,
 Every heart will admire your name.
 So try & try and get succeeded and remember!
 You will always be needed!



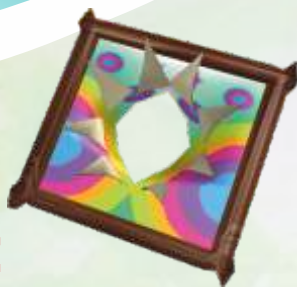
- SUMAN JHA
 T.Y.B.Sc.

"WANT FREEDOM NOT RARE"

Tough to achieve but reach there
 At that position support mare
 Be prepared and oppose the bare
 You will be a diamond, costly & rare
 But it will need so much tare
 So don't be afraid
 and do NOT care
 Take the tare
 and be THE rare



- RAKSHA PANDEY
 S.Y.B.Sc.



THE ART OF LIVING LIFE

Think about it - there is an art of everything and living well is no exception. Of any art, this would be the one to master since it encompasses all the others.

The art of living well is to make your life an expression of who you are, what you believe, and your hopes, dreams and desires. Of course, to create your life as a work of art is an ongoing, evolving, and creative endeavour and so it should be. If responsibilities become very light and there is a smile on your face, that is the Art of Living.

The difference between living well and just living would be analogous to preparing a meal. When you are hungry you can just throw something together from whatever is handy without considering the nutritional values, taste, or visual appeal of the dish. You can shove something down that fills your tummy and satisfies your immediate appetite.

Or, you can prepare a pleasing, nutritious, tasty meal that not only satisfies your visual and practical needs, but also makes it a joy to experience. Of course second meal requires more thought, planning, imagination and work in general, but the reward are exceeding greater on every level. So it is with life. You could live it indiscriminately not paying attention to anything in particular, or you can make it a delicious, nutritious treat.

HOW TO MAKE YOUR LIFE A WORK OF ART:

- ☞ Make each moment count and live it to the fullest.
- ☞ Express yourself and create the life you want.
- ☞ Establish an open, accepting and appreciative mindset.
- ☞ Be who you are and go after what you want.

☞ Have a solid personal foundation balanced with relationships with family, friends and community.

YOU KNOW YOU ARE LIVING WELL WHEN YOU:

- ☞ Wake up in the morning and can't wait for the adventure that lies ahead of you .
- ☞ Are optimistic, cheerful and confident.
- ☞ Focus on the good things in your life and improves on what's not working .
- ☞ Are aware, appreciative, and engaged in life .
- ☞ Turn obstacles into an opportunities.
- ☞ Seize each moment.

We can make an art of living well by expressing ourselves, by being open and receptive, and by living each moment to the fullest. We need only decide to do so.

Source: Internet



- HEMA BHATT
 F.Y.B.Sc.



SHE

SHE IS WOMAN

She is mother, Daughter, Wife, Sister.

SHE IS A PERSON

She is strong , smart , crafty.
 She is passionate, courageous, generous.
 Cooking burnfoot is only one of several super powers.

She is action, emotion, devotion.
 She has hope, beauty, power.
 She has a brain and she knows how to use it.

SHE GIVES YOU LIFE

She gives you respect, love, gratitude
 She believes in you.
 She will nurture you, fight for you.
 She deserves nothing less from you.

- SHWETA SINGH
 S.Y.B.Com.



SHEER HYPOCRISY

Once there was a little mind observing hypocrisy, when she raised a few questions they rolled eyes at her curiosity.

Why we are always taught to stand up for our rights? But when we do we are labelled as insensitive unadjustable brides.

Why our interest in others life is just about gathering intelligence? But when others do it's just they are the spying ones.

Why we are always told that marriages are made in heaven? But then social status is checked when they happen.

Why we tend to be animal lovers petting foreign dogs? And then we make faces at the glance of stray dogs.

Why we oppose racism when they happen in other countries? Whereas we openly tease North Easterns calling them "Chinkies".

Why we give huge tips to waiters when they work with star five? But then we bargain with poor grocers for mere rupees five.

Why we try to look open minded saying each child is different? But then we hypocrites consider their marks as a measure of being intelligent.

Nobody, say Nobody could answer the little girl's questions; And then when she stressed it she was labelled as a girl of arrogance.

Just like the little girl, such questions arise in every innocent heart; But as we grow up it's just a process that again starts...

EXAMINATION

God is Greater Examiner, We are all examinees

Life is an answer book, World is the exam hall

Where we sit and give tests

Time allowed is three hours there

Time allowed is three phases here

First bell rings after childhood

The Second bell after youth

The Final bell rings after old age

Marking the end of life exam

By the message from God

The examination is over

And the copy is snatched

Life then meets an end

If we fail, We re-appear

If we pass, We find eternity and permanent bliss.

- SHUBHAM MISHRA
 T.Y.B.Sc. (C.S.)



- PRIYA YEOLE
 S.Y.B.Sc.



TASTY PRODUCTS

- Barium + Sodium + Sodium = ?
 $Ba + Na + Na = \text{Banana}$
- Calcium + Potassium + Vinstermium = ?
 $Ca + K + Es = \text{Cakes}$
- 7Uranium + Phosphorous = ?
 $7U + P = \text{7UP}$
- Fluorine + Iodine + Sulphur + Hydrogen = ?
 $F + I + S + H = \text{Fish}$
- Radium + Sulphur + Sodium = ?
 $Ra + S + Na = \text{Rasna}$

- SHIVANI SHRIVASTAVA
 F.Y.B.Sc.





PLANT, INDIAN CULTURE AND ITS IMPORTANCE

Coconut (Nariyel)

For success and prosperity on all occasions, the beginnings done with the breaking of coconut. People get strength and improved eyesight by eating the kernel. Its water is nourishing and its oil is use for luxurious hair. It has glucose, carbohydrate in good measures and so it is good for Diabetics. Ancient Indian Doctor used to burn its outer shell to prepare tooth powder and ointments for burns.

Betel Leaf (Paan)

Its use is considered as a noble trait and an all auspicious celebrations. It is invigorating and energizing a killer of germs and bacteria and an eliminator of cold. The black variety is said to be constipative and the white one eliminates cold and is digestive.

Tulsi

Whenever Tulsi is planted, the place becomes, sanctified as a place of pilgrimage. According to scientist the place containing it becomes pollution free. The oil is capable of destroying bacteria and insects. The leaves is used in Cancer curing Ayurvedic medicines. The leaves juice cures Bronchities and stomach upsets. The leaves paste cure cell skin diseases and the leaves cures common cold.

Pipal Tree

The Pineal gland's secretions of Human make their brain alert and alive. The chemical found in this secretion is also found in the Pipal's juice according to scientists and hence, also known as Bodhi Vriksha.

Vilva Tree

The juice of the leaves is a relief to the Diabetics, and the pulp of the fruit is supposed to stop Diarrhea. The fruit called Bel was a favorite to Lord Shiva.

Lily

Considered to be the most beautiful of all the bulbs. The Lily will be able to promote harmony and happiness among people.

Asoka Tree

Known to relieve the worries of the persons sitting under its shade.

Sita is said to have been seated under as Asoka tree in Lanka during her captivity.

Source: Internet



- VIDUSHI TRIPATHI
 F.Y.B.Sc.



MATHEMATICS

MATHEMATICS may be described as the fundamental science which uses numbers and symbols. Numbers and symbols are arranged using systematic mathematical rules.

The study of mathematics is based on reasons. The universe exists in space and time, and is consists of matter. To calculate the extension or composition of matter in space and time and to compute the units that make up the total mass of the material universe is the object of mathematics.

PURE MATHEMATICS V/S APPLIED MATHEMATICS:

Pure Mathematics: The branch of science that is mainly concerned with concepts that are based on the rules of mathematics, is called Pure Mathematics. It deals with establishing mathematical proofs. These concepts are not necessarily aimed at meeting the needs of the physical world.

Applied Mathematics: The branch of mathematics that is applied to other branches such as chemistry, natural science, finance, social sciences, physics, medical, engineering, etc. It relies on a problem-solving approach. It tries to find some practical solutions to solve the day-to-day problems of life.

In practical world, pure mathematics and applied mathematics overlap each other. The concepts of pure mathematics are often used by applied mathematicians to find out practical solutions.

Carl Friedrich Gauss (1777-1855) referred to mathematics as **“The Queen of the Mathematics”**.

Albert Einstein (1879-1955) stated that **“as far as the laws of mathematics refer to reality, they do not refer to reality.”**



- JINAL DINESH ROHIT
 F.Y.B.Sc.

INDOOR PLANTS

(A houseplants is a plant that is grown in indoor places.)

Anthurium, aloe, peperomia, spider plant, asparagus, peace lily, snake plant, chistmascaltus.

This plants are nature first air purifier, Providing cleaner air, Lowering your risk for illness, Boosting your mood Enhancing ----- indoor air pollution can increase your risk for ---- stroke by 34%, ischemic heart disease by 26%, respiratory infector in chita by 12%, lung cancer by 6% -----plants are mood enhancers Stress decrease depression decreased anxiety decrease positive calm energy wellbeing up teams increase sense of stabilized increase. ----plants help to think Enhance the thinking probably. Houseplants are good for your health and not for their visual beauty when we breathe it gives oxygen and absorb carbon dioxide It freshen up the air but also eliminate harmful toxin. Research by NASA has revealed that house plants can remove up to 87% of air toxin in 24 m. Plants are good for night also like orchids, succulents, snake plant.

- ARADHANA YADAV
 F.Y.B.Sc.



PUPPIES FOR SALE

A farmer had some puppies he needed to sell. He painted a sign advertising the pups and set about nailing it to a post on the edge of his yard. As he was driving the last nail into the post, he felt a tug on his overalls. He looked down into the eyes of a little boy.

"Mister," he said, "I want to buy one of your puppies."

"Well," said the farmer, as he rubbed the sweat off the back of his neck, "these puppies come from fine parents and cost a good deal of money."

The boy dropped his head for a moment. Then reaching deep into his pocket, he pulled out a handful of change and held it up to the farmer. "I've got thirty-nine cents. Is that enough to take a look?"

"Sure," said the farmer.

And with that he let out a whistle, "Here, Dolly!" he called.

Out from the doghouse and down the ramp ran Dolly followed by four little balls of fur. The little boy pressed his face against the chain link fence. His eyes danced with delight.

As the dogs made their way to the fence, the little boy noticed something else stirring inside the doghouse. Slowly another little ball appeared; this one noticeably smaller. Down the ramp it slid. Then in a somewhat awkward manner the little pup began hobbling toward the others, doing its best to catch up....

"I want that one," the little boy said, pointing to the runt.

The farmer knelt down at the boy's side and said, "Son, you don't want that puppy. He will never be able

to run and play with you like these other dogs would."

With that the little boy stepped back from the fence, reached down, and began rolling up one side of his trousers. In doing so he revealed a steel brace running down both sides of his leg attaching itself to a specially made shoe. Looking back up at the farmer, he said, "You see sir, I don't run too well myself, and he will need someone who understands."

The world is full of people who need someone who understands.

Source: Internet

- SHIPRA SINGH
 S.Y.B.Sc.

DAUGHTER OF THE KING

Daughter of the King was lost in the dark,
 devoid of spark.

Seasonal friends with emptiness,
 selfish dreams and a sinful life.

No peace for the shattered pieces,
 no rope for the broken hope.

The King from all above became,
 a servant of all below.

Rescued her from the enemy,
 to the God of all above.

Paid her ransom with His blood,
 to redeem her from her sins.

Daughter of the King was found,
 with a new life and spirit.

Sorrow was turned into joy,
 weakness into strength.

The King will come again to take her,
 now to the Kingdom of all splendour.



- ANJALI PILLAI
 F.Y.B.Sc.

VOICE FOR YOUTH

Awake, arise or be forever fallen
 Wait, a while for your risey callen.
 Beauty is hidden; In you, within you.
 Can't you see how lucky you are?
 Can't you see how valuable you are?
 Why you don't even try
 Start by doing what's necessary;
 Then do what is possible; and
 Suddenly you find that,
 You only make yourself ready to fly.
 Not necessary, winged dreams, always rise,
 Heaven angels had been also fallen twice.
 You can never cross the oceans at once,
 Unless your courage is never to submit.

- KHUSHBU JHA (F.Y.B.Sc.)



INTERESTING FACTS

- ✧ There is no end on the rainbow. It is actually a complete circle but, people can see only a limited portion of the circle as they can see the limited distance to the horizon.
- ✧ There is a McDonald's in every continent except Antarctica.
- ✧ 8 of the 10 largest statues are of Buddha.
- ✧ The Nose and Ears continue to grow when the growth stage of the people are over. But, the Eyes stop growing period end.
- ✧ China has more English Speakers than US.
- ✧ Your Fingers nails grow faster in winter.
- ✧ The most venomous Jelly fish in the world is name the IRUKANDJI and is smaller than your finger nails.
- ✧ Chocolate can kill dogs; it directly affects their heart and nervous system.
- ✧ The OWL is the only bird that can see the Blue colour.
- ✧ Most dust particles in your house are made from dead skin!
- ✧ It Snowed in the Sahara Desert for 30 minutes on 18th February 1979.
- ✧ The Twitter Bird Actually has a name Larry Bird.

- AMUL

DAFFY DEFINITIONS

1. Cigarette: A pinch of tobacco rolled in a piece of paper with fire at one end and a fool at the other.
2. Compromise: The art of dividing a cake in such a way that everybody believes he got the biggest piece.
3. Tears: The hydraulic force by which masculine will-power is defeated by feminine water power.
4. Dictionary: A place where success comes before work.
5. Conference Room: A place where everybody talks, nobody listens and everybody disagrees later on.
6. Smile: A curve that can set a lot of things straight.
7. Etc: A sign to make others believe that you know more than you actually do.
8. Committee: Individuals who can do nothing individually and sit to decide that nothing can be done together.
9. Experience: The name men give to their mistakes.
10. Atom Bomb: An invention to end all inventions.
11. Diplomat: A person who tells you to go to hell in such a way that you actually look forward to the trip.
12. Opportunist: A person who starts taking bath if he accidentally falls in to a river.
13. Optimist: A person who while falling from Eiffel tower says in midway "See I am not injured yet."
14. Miser: A person who lives poor so that he can die rich.
15. Skeleton: A person who went on diet but forgot to stop.

Source: Internet

- SAPNA SINGH
 T.Y.B.Sc. (Zoology)



मैं एक लड़की हूँ

मैं एक लड़की हूँ, उम्मीदों से भरी हूँ
 सपनों से सजी हूँ
 अपने ही समाज में, बुरी नजरों से घिरी हूँ।
 माँ-पापा की लाडली, लाड़ प्यार से पली हूँ
 ना जाने पर इस वक्त किस डर से डरी हूँ
 जिस देश में पली हूँ वो देश है ऐसा
 जहा हर रिश्ते से अनमोल हैं,
 भाई-बहन का रिश्ता
 अब ये रिश्ता भी, खोखला लगने लगा है
 क्योंकि इस देश का भाई
 आज बुरी नजर से देखने लगा है।

मैं एक लड़की हूँ, उम्मीदों से भरी हूँ
 अब ख्वाहिशों का समा बाँधे चली हूँ
 चाहती हूँ उड़ना, आसमा को छूना
 अपने ख्वाबों से अपनी जिंदगी बुनना

पर क्यों ये पाबंदियाँ मुझे रोक रही हैं
 क्यों ये अंधेरे में निकलने से, मुझे टोक रही हैं
 क्यों मैं ना जीऊँ ऐसी जिंदगी
 जो हर लड़का जीता है?
 क्यों मैं ना महसूस करूँ वो खामोश अंधेरा
 जो हर लड़का करता है?

कहने को तो कह दिया की
 लड़का-लड़की में कोई भेद नहीं
 तो क्यों पाबंदी मेरे कपड़ों पर
 जो किसी लड़के पे नहीं।

क्या मुझे हक नहीं, मेरी जिंदगी जीने का?
 क्या मुझे हक नहीं, जो मुझे खुशी दे,
 वो करने का?

बुरी नजर से देखे कोई तो भी गलती मेरी
 मेरे कपड़ों का दोष है सार
 उन लड़कों का नहीं
 गंदे लफ्ज सुनते पड़े तो भी गलती मेरी

तुम्हें हँस-हँस कर जाने की जरूरत क्या थी
 उन लड़कों का दोष नहीं
 भरे बाजार में छेड़े कोई तो भी गलती मेरी,
 तुम्हें समाज में रहने का ढंग नहीं
 उन लड़कों का दोष नहीं।

क्या मुझे हक नहीं, मेरी जिंदगी जीने का?
 क्या मुझे हक नहीं,
 जो मुझे खुशी दे वो करने का?

किस किस का सामना करूँ मैं?
 आखिर किस किस से डरूँ मैं
 दोस्तों से? आवारा लड़कों से?
 टीचर से? डॉक्टर से? रिक्शा वालों से?
 या रास्ते पर चलने वाले हर एक शक्स से?

क्या मेरी कोई जिंदगी नहीं
 क्या मुझे अब भी कोई आजादी नहीं
 अब तो मेरी खूबसूरती भी मुझे खलने लगी है,
 अब तो इससे भी नफरत सी होने लगी है,
 जो मेरी जिंदगी बरबाद कर दे
 वो खूबसूरती किस काम की?
 जो मुझे मेरी जिंदगी खुल के जीने ना दे,
 वो खूबसूरती किस काम की
 गलती मेरे खूबसूरत चेहरे की है
 उन लड़कों की नहीं।

अब समाज में आया बेटी,
 बेटों से बढ़ कर क्यों नहीं
 २० साल बेटी की इज्जत सँभालना
 माँ-बाप के लिए भी आसान बात नहीं।
 पर बहुत हुआ अब, अब मुझे जीने दो

मेरे सपनों के रंग आसमान में भरने दो
 अब कई ख्वाबों को सच करना है
 बुरी नजर अब हमसे डरे, ऐसा कुछ करना है।

अब मैं नहीं डरने वाली
 अब मैं सहमी सी नहीं रहने वाली
 अब तुम्हारे नजरों का सामना
 मेरी आवाज से है
 लक्ष्मी को तो बहुत देख लिया,
 युद्ध अब दुर्गा से है।

मेरी खूबसूरती से ज्यादा
 तुम्हारी बुरी नजर बदलना जरूरी है
 मेरे कपड़ों से ज्यादा
 तुम्हारी सोच बदलना जरूरी है।

ये आवाज है हर उस डरी हुई लड़की की
 जो अब निडर होके चलना सीखेगी
 ये आवाज है उस हिम्मत की जो
 अब पूरा समाज बदलेगी।

मेरे पर मत काटो, मुझे आसमान में उड़ने दो
 पाबंदियों की बेड़ियाँ मुझे अब खुद तोड़ने दो
 कहना है मेरा हर लड़की से
 ईश्वर की “मूरत” हो तुम,
 सारे जहाँ की “सूरत” हो तुम
 एक बार हिम्मत करके तो देखो
 खुले पंखों से आसमान में उड़कर तो देखो

चाहती हूँ जहाँ ऐसा बने के अब हम कहे
 मैं एक लड़की हूँ उम्मीदों से भरी हूँ
 सपनों से सजी हूँ अपने ही समाज में
 मैं अब सुरक्षित रहने लगी हूँ।

- MISS KAJOL M. BRAMHADANDE
 Assistant Professor
 Commerce Department

हिन्दुस्तान

ना पाकिस्तान जरूरी है, ना इंग्लिस्तान जरूरी है।
 ना चीन जापान जरूरी है, ना रूस यूनान जरूरी है।
 हम भारत वालों के दिल में बस हिन्दुस्तान जरूरी है।

गंगा की लहर जरूरी है। जमुना की लहर जरूरी है।
 सागर की तान जरूरी है। ये रेगिस्तान जरूरी है।
 हम भारत वालों के दिल में बस हिन्दुस्तान जरूरी है।

हिन्दू ना मुस्लिम, ईसाई ना जैन, पारसी बहवाई
 हम लाखों रंग सुनहरे है। हम हिन्दुस्तानी पहले है।
 माथे पे चंदा गंगा है। भारत का रंग तिरंगा है।
 जहा बच्चा-बच्चा झुक जाये वह हिन्दुस्तान का झंडा है।
 हम भारत वालों के दिल में बस हिन्दुस्तान जरूरी है।

वो भगत सिंह की कुर्बानी, अंख पानी झाँसी की रानी
 नेताजी बिस्मिल चन्द्रशेखर वो सावरकर काला पानी
 वो गाँधी नेहरू खुदीराम लालबहादुर को हम करे सलाम
 बार्डर की जंग जरूरी है। भारत का रंग जरूरी है।
 हम भारत वालों के दिल में बस हिन्दुस्तान जरूरी है।

वो इंदिरा गाँधी सी लेडी हन्ड्रेड पर्सेंट जरूरी है।
 वो हिन्दुस्तान बनाने को तेरे दिल का खून जरूरी है।
 सब चाँद सितारे भारत में, ये सन और मून जरूरी है।
 हम भारत वालों के दिल में बस हिन्दुस्तान जरूरी है।

ना पाकिस्तान जरूरी है, ना इंग्लिस्तान जरूरी है।
 ना चीन जापान जरूरी है, ना रूस यूनान जरूरी है।
 हम भारत वालों के दिल में बस हिन्दुस्तान जरूरी है।



- SHWETA GAUR
 F.Y.B.Sc.

शहादत पर ईश्वर

क्या खूब लड़ा रे, तू जवान
 उस युद्ध के रणभूमि में
 मैं देख रहा था, उस हर गोली को
 जो चीर रही थी तेरे सीने को
 सोचा तुझे सुला दूँ व अपने पास बुला लूँ
 फिर सोचा झाँककर देखूँ तेरे सीने में
 क्या आग लगी है तेरे सीने में
 आग नहीं पर आस भी वीरगति को पाने की
 क्या खूब लड़ा रे, तू जवान उस युद्ध के रणभूमि में
 क्या खूब हौसला दिखाया तेरी माँ और पत्नी ने
 एक बूंद न गिरने दिया तेरी शहादत पर
 मुस्कराती रही और एक दूसरे का हौसला बढ़ाती रही
 क्या खूब लड़ा रे तू जवान उस युद्ध के रणभूमि में
 बेटा तेरे बिन अकेला था पर गर्व से सीना चौड़ा था
 माँ की बात उसने मानी वीरगति को जाने की ठानी
 माँ मुस्कराती रही और पीठ थपथपाती रही
 क्या खूब लड़ा रे तू जवान उस युद्ध के रणभूमि में।

- ABHISHEK RAI
 F.Y.B.Com.



त्यांच्यात होती.

अगर पेड़ भी बोलते होते

अगर पेड़ भी बोलते होते।

तो सब कुछ होता आज कितना निराला।।

जहाँ कहीं भी धूप सताती।

वो हमें अपने छाँव में बुलाते।।

अपनी मीठी बातों से।

वो हमारे मन को हर्षाते।।

लगती जब भूख अचनाक।

मीठे-मीठे फल खिलाते।।

नहीं सहते नादानी हमारी।

जब हम उनको काँटने जाते।।

अपने ही जीवन का महत्व।

वो हमें खुद ही सिखाते।।

नहीं करता तब कोई नादानी।

जो आज हम है करते।।

अपने हाथों से खुद ही हम।

अपना भविष्य है बिगाड़ते।।

अगर पेड़ भी बोलते होते।

तो सब कुछ होता आज कितना निराला।।



- ANKITA MAURYA
 F.Y.B.Sc.

छत्रपती शिवाजी महाराज

भारताचा इतिहास अनेक राजांनी जण माणसात आपल्या कतृत्वाचा ठसा उमटविला परंतु छत्रपती शिवाजी महाराज आणि इतर राजांमध्ये एक मूलभूत फरक होता. राजांनी आपआपल्या वाडवडिलांच्या राज गादीवर विराजमान होऊन गादी चालविली. पण छत्रपती शिवाजी महाराज मात्र त्याला अपवाद होते ते स्वतः राज्य निर्माते होते. शून्यातून जग निर्माण करण्याची जिद्द व हिम्मत

मातोश्री जिजाबाईंचे प्रोत्साहन, गुरुवर्य दादोजी कोंडदेव यांचे मार्गदर्शन आणि मावळ्यांच्या मदतीने त्यांनी हिंदवी स्वराज्याची स्थापना केली. १७ व १८ वे शतक म्हणजे महाराष्ट्रातील योद्धांच्या पराक्रमाची गाथा म्हटली जाते. जिजाऊंच एकच स्वप्न होत ते म्हणजे मराठी स्वराज्याची स्थापना करायच छत्रपतींनी आपल्या शौर्य व आत्मबळावर ते स्वप्न साकार करून दाखविले. १९ फेब्रुवारी १६३० या दिवशी क्रांती सूर्याचा जन्म झाला.

शिवबाच्या जन्माने साडे तिनशे वर्षांचा काळकुट्ट असा मोगल आदिलशा सिद्धी यांचा जुलमी राजवटीचा अस्त झाला. जिजाऊ ही शिवबाची केवळ जन्मदाती नव्हती तर त्यांची ती स्फूर्ती, प्रेरणा मार्गदर्शिका व मायेची सावली होती. जिजाऊंचे पुत्रप्रेम अजोड होते. तर शिवरायांची मातृभक्ती अपरंपार होती. पराक्रमी व मातृभक्तीचे प्रत्यय यावे यासाठी एका प्रसंगाची आठवण करून देणे आवश्यक वाटते.

एके दिवशी शहाजी राजे शिवबासह विजापूरचा आदिलशाहांना भेटण्यासाठी गेले होते. शहाजीनी बादशहाला मुजरा केला. शिवबा मात्र ताठ मानेने बादशहांना नेहाळत होते. शहाजी शिवबा जवळ गेले आणि बादशहास मुजरा करण्यास सांगितले परंतु शिवबा निस्तब्ध होते. जिजाऊंची शिवबाला शिकवण होती की प्रणाम करायचा तो फक्त माता-पिता व परमेश्वराला. हीच शिकवण आत्मसात करून शिवबानी सुलतानाला मुजरा करण्यास नकार दिला. शहाजी राजाची अवज्ञा करण्याचा शिबांचा हेतू नव्हता. योग्य नसलेल्या माणसाला मुजरा नाकारला यात शिवबाच काय चुकलं असा प्रती सवाल जिजाऊंनी शहाजी राजांना या घटनेवर चर्चे दरम्यान केला. आई सारखे परम दैवत दुसरे नाही हे शिवबांच्या मातृभक्तीने सिध्द केले.

जय भवानी, जय शिवाजी.

- KALPESH MAHENDRA PATIL
 F.Y.B.Sc.

बेटी की जिन्दगी...

घर मे मेरे पैदा हुई एक फूल सी बच्ची,
 पर मैने उसे अपनी बेइज्जती ही समझी।
 नफरत थी मुझे उससे मे बेज़ार था उसे,
 लेकिन मेरे परिवार को बहुत प्यार था उससे।
 उस बच्ची ने इज्जत मेरी हर रोज उछाली,
 बेटी की कुटूंब पर मुझे मिलती थी गाली।

मैं सोचता रहता था उसे मार ही डालू,
 खोई हुई इज्जत को फिर एक बार मैं पालू।
 एक रोज उसे लेकर निकल आया मैं घर से,
 वो बच्ची बहुत खुश थी मेरे साथ सफर से।



फिर खौफ से रोने लगी चिल्लाने लगी वो,
 और पूछती रहती थी मेरा जुल्म क्या था बाबा।
 रोती रही चिल्लाती रही फूल सी बच्ची,
 जब तक भी नज़र आती रही फूल सी बच्ची।

- SHASHIKALA CHAUHAN
 T.Y.B.Sc.

वो तोतले अन्दाज से करती रही बाते,
 सुनता रहा हंस-हंस के में उस बच्ची की बाते।
 फर्माइश करती रही वो सारे सफर मे,
 पर जागी नही मोहब्बत मेरे जिगर मे।

शमशान मे चला आया मैं बाजार से निकल कर,
 बच्ची भी वहाँ पहुँची मेरे साथ ही चल कर।
 तब मैंने यह सोचा की मे कब्र बनालूँ,
 और आज ही इस बच्ची से छुटकारा मे पालु।

गरमी थी बहुत चूर हुआ जब मैं थकान से,
 मासुम सी बच्ची को तरस आ गया मुझ पर,
 तब हाथों से उस बच्ची ने साया किया मुझ पर।

दम लेने को बैठा जो मुझ सा कमीना,
 वो पोछ रही थी मेरे चेहेरे का पसीना।

रह-रह कर मेरा हाथ बटाती रही वो भी,
 और कब्र की मिट्टी को हटाती रही वो भी।
 वो पुछती जाती की बतलाए ना बाबा,
 क्यो खोद रहे हो मुझे समझाए ना बाबा।

मैं चुप रहा अब उसको बतलाता भी कैसे,
 वो बोझ थी मुझ पर उसे समझाता भी कैसे।
 तैयार हुई कब्र तो बच्ची को उठाया,
 और मैंने उस कब्र में बच्ची को बिठाया।



सभी गृहणियों को सादर समर्पित

पिता ने बंदिशे लगायीं,
 उसे संस्कारों का नाम दे दिया...!
 सास ने कहा अपनी इच्छाओं को मार दो,
 उसे परम्पराओं का नाम दे दिया...!

ससुर ने घर को कैदखाना बना दिया,
 उसे अनुशासन का नाम दे दिया...!
 पति ने थोप दी अपनी इच्छायें अपने सपने,
 उसे वफा का नाम दे दिया...!

बच्चों ने करी अपने मन की,
 और उसे नयी सोच का नाम दे दिया...!
 ठगी सी खड़ी मैं जिन्दगी की राहों पर,
 और मैंने उसे किस्मत का नाम दे दिया...!

“जिन्दगी तो मेरी थी,
 एक पल जीने को तरस गयी...!
 फिर भी इन चलती सांसो को,
 हमने जिन्दगी का नाम दे दिया...!”

- SHIVANI BHATT
 S.Y.B.Sc.

CONSTITUTION DAY



Smt. Devkiba Mohansinhji Chauhan College of Law celebrated the first event of the academic year 2017-18 "Constitution Day." A respect was paid to the pledge and preamble, which is the essence of our Constitution.

NATIONAL CONFERENCE



A National Conference on "Environmental issues and challenges in current Era" organised by St. Wilfred College of Law was attended and participated by our professors of Smt. Devkiba Mohansinhji Chauhan College of Law.

A PROFILE OF EDUCATION SYSTEM IN INDIA



Every asset can be shared by shares, but education of the individual cannot be shared as an asset. Moreover, if other assets are distributed it decreases, but, if education is distributed to others it always increases and develops.

Education in India has a history stretching back to the ancient urban centres of learning at Taxashila Nalanda. Western education became ingrained into the Indian society with the establishment of the British Raj. Education in India falls under the control of both the Union government and the States, with some responsibilities lying with the Union and the States having autonomy for others.

Education is the most crucial investment in human development, and is an instrument for developing an economically prosperous society, for ensuring equity and social justice. Despite Indian Governmental efforts, half of the adult Indian population continues to be illiterate and two-thirds of women are illiterate. According to census 2011, the literacy rate for rural India is as a whole 80%, for males it is 65.46%, and for females only 40%. However, national level literacy rate has shown significant increase from 54% in 2001, to 74.04% in 2011.

It is very hard to digest that the land of the Vedas is one of the countries with the highest illiteracy levels and shows the inability of our government to utilize programmes like Sarva Shiksha Abhiyan and National Literacy Mission. Even countries like Sri Lanka, Myanmar, Vietnam, Thailand and the like have achieved, in lesser time, a much better percentage of literacy. Literacy is a reasonably good indicator of development in society.

Spread and diffusion of literacy is generally associated with essential trait of today's civilization such as modernization, urbanization, industrialization, communication and commerce. This fact can be clarified as all the developed countries like America and Canada have very low illiteracy rates, whereas countries like India, Turkey and Iran have very high rate of illiteracy. World Bank studies have established the direct and functional relationship between literacy and productivity on the one hand and literacy and the overall quality of human life on the other.

Education is one of the most important functions of the State. The State has a basic responsibility in regard thereto. Earl Warren, CJ, speaking for the US Supreme Court emphasized the right to education while stating- "today education is the most important function of the State and local Governments. It is required in the performance of our most basic responsibility, even services in the armed forces. It is the very foundation of a good citizenship. Today it is the principal instrument in awakening the child to cultural values, in preparing him for later professional training and in helping him to adjust normally to his environment. In these days, it is doubtful any child may reasonably be expected to succeed in life if he is denied the opportunity of an education."

It has become state a responsibility to upgrade the education system of India, and the first step is that it must increase the number of government schools and adequate number of teachers should be allotted there. According to the report of Programme for International Student Assessment (PISA) 2012, even after the increase in social and economic standards, the performance of government school is better than private schools. The number of government schools should be increased and made accessible to everyone. The concept of a neighbourhood school proposed by AK Sharma chaired drafting group set up by ministry of human resources development (MHRD) to provide the "model rules" to go with the Right to Education Bill is still under consideration.

If India is willing to be called developed in a truly democratic manner, it should work on the aspect of universal education system. Within this system the focus should be on elementary and secondary education level and even in higher education level also. Without improving the universal education system, our education system cannot improve. In this dismal stage, where noticeable percentage of India's population is languishing in every aspect including in educational field, India should seriously work on elementary production of literate individuals through mass literacy focusing mainly on basic education.

- MISS SUMAN SHARMA
Assistant Professor, Faculty of Law



THE PROBLEM OF CHILD LABOUR IN INDIA

Child labour refers to the use of children as a source of labour while depriving them of their fundamental rights in the process. Such rights include the opportunity to enjoy their childhood, attend their schools regularly, have peace of mind and live a dignified life.

Child labour can also be referred to the practice of exploiting children for financial gains. Some industries employ children in order to cut down on labour cost since their wage demand is low. When children are made to perform work that is legally prohibited to be performed by the children of a certain age group. Such type of work is also referred to as child labour.

The mines Act of 1952: The Act prohibits employment of children below 18 years of age in a mine.

The child and Adolescent labour (Prohibition and regulation) Act 1986: The Act prohibits the employment of children below the age of 14 years in hazardous occupations.

Child labour is caused by several factors which are briefly explained below:

CAUSES:

Poverty: Children who come from poor families may be forced to work to support their siblings and parents or supplement the household income when expenses are more than the parent's earnings. It is a huge problem especially in developing countries. Where parents are unable to generate income due to the lack of employment opportunities or education.

Huge demand for unskilled labors: The demand for unskilled labour is another cause for child labour. Child labour by virtue of being cheap increases the margin of profits for such entrepreneurs.

Illiteracy: A society with many educated people understands the importance of going to schools and pursuing dreams. Children have the ability and time to become whatever they aspire to be. Illiteracy, on the other hand makes it difficult for many people to understand the importance of education. Illiterate people view education as a preserve of the privilege in the society. They will therefore not provide support to the children so that they can go to the school and build solid foundations for future success.

Early marriages: Marrying at an early age is a major contributing factor to over population. Young parents are able to sire a lot of children because they remain fertile for a long time. Having many children with little or no sources to support them leads to child labour. Old children are forced to work in order to help their parents in supporting the family.

High cost of education: Quality

education is expensive. To many parents who live in poverty, priority is to be given to provide food for the family because education is too expensive to afford, especially when there are many children to pay school fees. Some parents can also only afford basic education which means that the children will be forced to look for work since they cannot pursue their education further.

EFFECTS OF CHILD LABOUR:

Loss of quality childhood: It is important for human beings to enjoy every stage of their development. Child labour leads to loss of quality childhood as children will be deprived of the opportunity to enjoy the amazing experience that comes with being young.

Health issues: Child labour can also lead to health complications due to under nourishment and poor working conditions. Working in place such as mines and badly conditioned factories may result in life time health issues for children employed to work in such places.

Mental trauma: It is not a pleasant experience to be kept working as a child while your age mates are out, playing and going to school. Issues such as bullying, sexual exploitation and unfavorable working hours may result in mental trauma.

Illiteracy: They spend a lot of time in their work place as the days and years go by. The lack of education and illiteracy makes them individuals with limited opportunities as far as employment is concerned.

SOLUTIONS TO CURB CHILD LABOUR:

Free education: Free education holds the key to eliminating child labour. Parents who do not have money for school fees can use this as an opportunity to provide their children with education.

Moral polishing: Child labour is legally and morally wrong. Children should not be allowed to provide labour at the expenses of getting an education and enjoying their childhood. The society should be educated on the negative impacts of child labour so that it becomes an issue that is frowned upon whenever it occurs.

Empowerment of poor people: Poor people are the most affected by child labour. Empowering poor people through knowledge and income, generating projects would go a long way in reducing the cases of child labour.

Conclusion: Child labour is not just an affront to child rights but also a symbol of a society that has lost its way. The future is much brighter when the younger generation has a good foundation for success.

- Mrs. PADMAJA DESHPANDE
Assistant Professor, Faculty of Law

PROTECTING THE LOSS OF INNOCENCE

WITH SPECIAL REFERENCE TO THE PROTECTION OF CHILDREN
FROM SEXUAL ASSAULT, 2012

History will judge us harshly if we refuse to use our knowledge, our resources and our will to ensure that each new member of the human family arrives into a world that honours and protects the invaluable, irreplaceable years of childhood.

- Carol Bellamy, Executive Director of UNICEF

Introduction:

We all perceive children as the symbol of innocence and carefree-ness, but what if a child bears an untold pain behind those innocent eyes? What if a child's innocence is taken advantage of? Even before we point our fingers towards the government, we should ask ourselves if the common people including us, know about the existing laws for the purpose of protecting children? Are the parents, teachers or even the legal practitioners for that matter has sufficient awareness that is necessary to give effect to the laws that the parliament has drafted to protect children?

What is Child Sexual Abuse and it's Forms?

Sexual abuse is inappropriate sexual behaviour with a child. It includes fondling a child's genitals, making the child fondle the adult's genitals, intercourse, incest, rape, sodomy, exhibitionism and sexual exploitation. Parents and the child should be made aware of all this forms so that the incidents can be prevented.

Genesis of Child Sexual Abuse

Child sexual abuse is not a new problem or only a problem concerning India. It is a global concern. This issue has become a public issue since the 1970s and the 1980s. As far as India is concerned, the topic is still a taboo topic as these issues stay confined to the walls of the homes and is not allowed to come out at all. In a conservative society like ours where a girl is uncomfortable discussing the topic of menstruation with her mother, it becomes completely unimaginable that she will discuss if she has been touched at inappropriate places because she has been advised to keep silent. This is the primary mindset of the society on the whole which acts as an encouragement for the abuser. The abuser takes the advantage of the fear that has clouded the mind of the innocent child.

Who are the Abusers?

Even today, the perpetrators most of the times are people who are known to the victim or the victim's family or are close to the victim (for example a baby-sitter or a daycare provider).

Salient features of POCSO

1. It is gender neutral.
2. It makes the reporting of abuse mandatory.
3. It makes the recording of sexual abuse mandatory.
4. It lists all known types of sexual offences towards minors.
5. It provides for the protection of minors during the judicial process.

Provisions of POCSO

- ☒ Police officers must bring every case to the attention of the Child Welfare Committee within 24 hours of receiving a report.
- ☒ They must also be in plain clothes while recording the minor's statement so as to not appear intimidating.
- ☒ The statement must be recorded in a place chosen by the minor, in the presence of a person that he/she trusts.



- ☞ The medico-legal examination for the collection of forensic evidence must be conducted only by a female doctor, in the presence of a person that the minor trusts.
- ☞ Special courts have been set up to conduct speedy, in-camera trials. These courts must ensure that:
 - » the minor is not exposed in any way to the accused during the recording of evidence.
 - » the minor's identity is not disclosed at any time during the investigation or trial.
 - » the minor is not made to repeat his/her testimony in court, and that he/she can give the testimony using a video link.
 - » the case is disposed within one year from the date of the offence being reported.
 - » the defence routes all questions through the judge and is not allowed to ask them in an aggressive manner.
 - » an interpreter, translator, special educator or any other expert is present in court for the minor's assistance.
 - » compensation for medical treatment and rehabilitation is given to a minor who has been sexually abused.

Punishments listed under POCSO

1. Penetrative sexual assault: Not less than 7 years; this may extend to life imprisonment, and a fine (Section 4).
2. Aggravated penetrative sexual assault: Not less than 10 years; this may extend to rigorous life imprisonment, and a fine (Section 6).
3. Non-penetrative sexual assault:
 - » touches the vagina, penis, anus or breast of the child
 - » makes the child touch the vagina, penis, anus or breast of such person or any other person
 - » does any other act with sexual intent which involves physical contact without penetration.

Punishment: Not less than 3 years; this may extend to 5 years, and a fine (Section 10).

4. Use of minor for pornographic purposes: 5 years and a fine, and in the event of second conviction, 7 years and a fine (Section 14 (1)).

Conclusion

Child sexual offences are cases of perverse lust for sex where even innocent children are not spared in pursuit of sexual pleasure. Sexual abuse of children, the most vulnerable segment of our society is a sad reality at present. The legislation for the protection of children against sexual offences though not a complete remedy for the malady is a much needed one for ensuring a secure and carefree future for them. Also, whatever may be the laws promulgated to secure the interests and welfare of children, ultimately results depend on the spirit with which such legislations are applied. Children are future of our country and this menace against them has to be fought on all fronts and at all levels.



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