The artwork is a monochromatic blue-toned composition. It features several stylized, angular faces and eyes. The faces are rendered with sharp, geometric shapes and some have prominent, radiating lines around their eyes, suggesting a sense of depth or intensity. The eyes are depicted with simple, dark outlines and are positioned at various angles, some looking towards the center and others looking outwards. The overall style is reminiscent of modernist or expressionist art, with a focus on form and color. The text 'Dhwani 2K16' is overlaid in the center, in a bold, black, sans-serif font.

Dhwani
2K16

NOTE FROM THE EDITORIAL DESK

DHWANI TEAM!

Abiya R

Dibin Baby

Harikrishnan C P

N S Chiranjeevi

Pranav Unnikrishnan

Viswanath K G

Two weeks ago, it dawned on us that for our foundation day we have to come up with a magazine, yet we were completely ignorant to the art of magazine making!! Nevertheless, we started collecting photos, articles and stories in every language, about almost everything under the sun. This was just the easy part. Then began the laborious process of converting them all into digital format, making each writers sit next to you and read his or her article aloud or make them write in to a tablet again. Next we had to get our teachers to proof-read it. We started bringing it all together by stitching every moment of the last few months we spent here, every worthy picture into one beautiful DHWANI. The head of our designing team Viswanath was the anchor in our figurative relay team, he took it all the way. This journey has taught us a lot. It had brought us closer to each other. It's a symbol of our collective effort, it is our story. There is a lot of heart put into this magazine and we hope you will have as much fun in reading it, as we had in making it for you.

TEAM DHWANI



P C Deshmukh
Professor, Department of Physics
IIT Madras

Teaching at IISER Tirupati is an extremely enjoyable experience. Most students have strong motivation to learn; I believe they have the capacity to become leading scientists who will make fruitful contributions towards pushing the frontiers of pure and applied sciences. The young colleagues work enthusiastically in an excellent team spirit towards the welfare of the students; they soon will establish IISER-Tirupati as a premier research and teaching institute in India. - PCD

“Teaching at IISER Tpt was an exhilarating experience.
Students were awesome, nippy and very receptive.
Classes were refreshing after a three hour drive from Chennai”



Gopala Krishna A
Professor, Department of Bio Technology
IIT Madras



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, पुणे
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH (IISER) PUNE
(An Autonomous Institution under Ministry of Human Resource Development, Govt. of India)
Dr. Homi Bhabha Road, Pune - 411 008, Maharashtra, India

के. एन. गणेश

KRISHNA N. GANESH FNA, FASc, FTWAS
Professor and Director



IISER Tirupati is the sixth institute in the successful chain of IISERs, succeeding the ones at Pune, Kolkata, Mohali, Bhopal and Thiruvananthapuram. It was formally born on 28th March when the Honorable Minister for Human Resource Development Smt. Smriti Zubin Irani unveiled its Foundation stone at the 250 acres of land at Yerepedu, allocated for its campus. IISER Pune, which is the mentor Institute, with all its acquired experience, quickly established the transit campus at 100,000 sq. ft building leased from Sri Rama Engineering College. The first batch of 49 students got admitted in August 2015 along with initial faculty of 10 and staff of 15. For any institution, the first batch of students is always very special and the young faculty and staff have done extremely well in nurturing them in every way. The faculty and admin team from IISER Pune provided all academic and administrative support for smooth functioning of the Institute. The Institute already has enabled academic facilities, hostel, library, health, food and sports facility – all at a single venue. I should add that in terms of the pace and quality of infrastructure of classrooms and teaching laboratories, within one year, IISER Tirupati has set-up a stage that took more than 2 years for other IISERs to reach. Thus IISER Tirupati has got a great head start and the challenge is to convert this into rapid growth of student academics, faculty research and establishing its permanent campus.

Time waits for none and I am extremely delighted that IISER Tirupati is already celebrating its First Foundation Day. The energy of students and the quality of faculty, together with an enabling administration are the most important constituents of any successful Institute. IISER Tirupati is blessed with all these right from the initial stages. The Institute's magazine "Dhwani" whose first edition is coming out amply reflects the creativity and imagination of its students, faculty and staff. A good education system must nurture not only the academics, but also facilitate a liberal expression of all artistic and literary talents. I sincerely believe that "Dhwani" will symbolize the unabated expression of the voice of the talented Tirupati IISERians. Let it trumpet as loud as possible and the world will soon recognize that signature- "yes, they have come to stay and compete".

My best wishes to all at IISER Tirupati on this occasion and sincere gratitude to the team from IISER Pune for making it all this happen.

K N Ganesh
Mentor Director for IISER Tirupati

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ARTICLES

SCIENCE DAY

The 28th of February was not just another lazy Sunday morning at IISER Tirupati, it was Science Day. Students woke up early, running around the corridors, putting up charts, setting up their models, making final adjustments to their projects which they had been working on all semester long. After getting everything in place the events of the day had officially begun. It commenced with a lecture by the director of NARL Prof. Jayaraman. The talk on the atmosphere was deeply fascinating. After the conclusion of the talk, we took our places and the exhibition began.



It started with the Chemistry section, where students made an active volcano, alien landscape, gold rain and other very interesting experiments. Science, not magic.

Then we moved on to the Physics and Mathematics section where students made a telescope, a model that demonstrated simple harmonic motion, funky carom boards and tonnes of puzzles involving cubes, chessboards and hexagons.

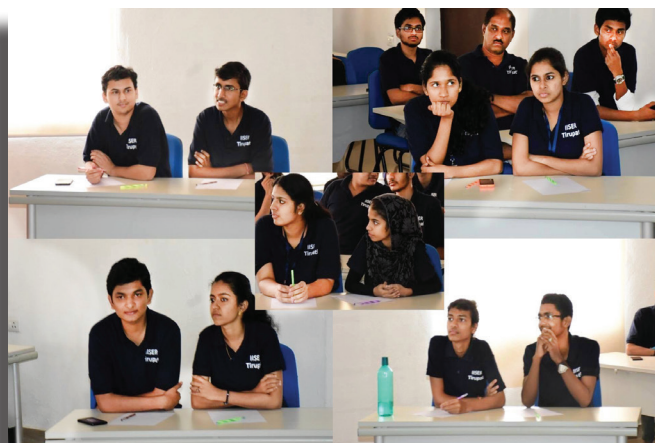


The Biology section was no less. They had a blood group detection, Winogradsky columns, Electrophoresis, agar plates and lots of microorganisms, Pedigree charts, insect boxes and more.

The most awaited event of the day was the “Science Quiz”. A battle of intellect of the highest order, 22 teams participated but only 5



made it through to the final. Questions from the main disciplines of science, round after round, pushed our quizzers to the absolute limit. At the end 2 teams clinched 1st and 2nd prizes. It was a great show. With that, events of the day were over and the program had come to end and all of went back to our hostel with a greater respect for “science”.



ONAM

Onam, the harvest festival of Kerala was celebrated in IISER Tirupati. Since Onam is a 10 day long festival, it was decided that we should give the ambience of Onam for the whole week too. Beautiful flower carpets were laid at the college entrance by us on each day of the festival week. Even the non-Keralite students were excited in making the flower carpets since it was a completely new thing for them. Excitement was growing each day. The main day of the festival was on 28th august. We were full of energy and the night before this day was witness to sleepless but fun night due to the preparations for Onam. The fun and excitement started early morning itself when all the students came down at the entrance to prepare the flower carpet for the day. Many of us wore the traditional dress of Kerala. The artistic talents, efforts and energy of all combined that day and what resulted was a beautiful and magnificent flower carpet.



And then it was time for the ONAM FEST which was held next week. Aditya and Jyothi were the hosts of the evening. They did a splendid job and never failed to entertain us. The programmes were kick-started in a unique way where students had to say “namaskaar” in their Mother tongue. It was just too much fun. Many talents of our fellow students were revealed that day. Songs by Shubham, Dibin, Nandita and Abhijeet were very good that the audience was hypnotised by the beauty of it. The dancers among us –Revathy

and Sachin graced the stage with their steps and set the stage on fire. The audience was also witness to the breathtaking musical performance by Swapnil with his Tabla. More entertainments arrived when the group performances took the stage. The Malayali boys rocked the stage with their energetic song in Malayalam while the Malayali girls graced the stage with their “Tiruvathirakali “ (traditional dance) performance. An entertaining skit about the myth of Onam was also done by the students. But the fun didn’t end up there. A special DJ party was arranged with Chiranjeevi as our DJ. We danced our hearts content and had so much fun. Thus the day ended with a bang and it will remain in our memories forever.....



KARAVAAN-15

One of the best experience that we had was when we visited our mentor institute, IISER Pune to take part in their cultural fest–Karavaan. There were many interesting games and competitions there and many of our students took part in them. It was also a great opportunity for us to see the renowned institute and be a part of it. In many events such as singing, quiz, JAM, etc our students performed well. The street play, prepared and acted out by our students also got special appraisal. Other fun elements were the food stalls, the night of the band wars, and the sightseeing that we did at the streets of Pune. We stayed at IISER Pune for four whole days. It was a great experience and it will remain in our memory banks forever.....



BIO FIELD TRIP

As part of our bio-lab, we had our first field trip. Our aim was to collect samples of soil, water etc, from different places and analyze them by making “Winogradsky column “. We students were very much excited since it was the first field trip from IISER. We were divided into four batches and each batch were assigned to collect samples from the four places that we were to visit. Things went on very smoothly and as planned. We also went to places where many great bio researches are done.



This was an added bonus to our trip since it provided us with extra knowledge and opened our minds towards scientific research. Thus the field trip was a success and we were able to learn many things due to it.

DIWALI

Diwali, the “festival of light“ signifies the victory of light over darkness, or good over evil. We also celebrated the same by lighting lamps which



proclaims the victory of knowledge over ignorance, and hope over despair. We made our IISER Tirupati to sparkle like a star with utmost fascination, reflecting our minds, our unity and our kindness through the lighted lamps. Then it was time for some extra fun. We broke the walls of silence and darkness with our crackers. This turned out to be too much fun since, even those who were afraid of crackers, were prompted to join. It was too entertaining. Altogether, we had a great time of revelry on Diwali.



SHAR VISIT

Our first science excursion, since we joined IISER was visiting the famous Sathish Dhawan Space Centre [SDSC], Sriharikota, also called as Sriharikota High Altitude Range [SHAR]. It is a centre mainly dedicated for research on rocket engineering and equally dedicated to launch national and international satellites efficiently. We had to start early from the institute as the centre was a bit far. SHAR is located on an island, on the east coast of Andhra Pradesh. The space centre is very secured as it is internationally famous. After going through a lot of security check, we finally entered the main area of SDSC. SDSC is about 145 square kilometres in area. The whole area mainly consists of Mission Control Centre [MCC], launch pads, telemetry and tracking network centre, test and evaluation centres for various components of rockets etc... SHAR is geographically one of the best places to launch rocket because it is next to the sea, near to the equator and the nearby population is less. The MCC monitors various parameters during the launch. The launch pads basically help in launching rockets to their destination. Telemetry network helps in obtaining the data about the rocket and this data will be sent to MCC. Future plans of Indian space programme is to concentrate on manned missions and a third launch pad will be built in SHAR for this purpose. By the end of the day at SDSC we learnt many things and also got inspired by the dedication and hardwork of scientists and engineers. We reached back by nightfall, with minds filled with memories, thoughts and ideas.

INTERVIEW

Prof. Katsunori Wakabayashi was the speaker in our 5th Scientific Club Seminar. He gave the undergraduate students a brief outline about Nano Science and Technology in Carbon Materials. He is a collaborator of Dr. Sudipta Dutta (Physics Department, IISER-Tirupati).

This is an interview given by him for our student Magazine. Prof. Katsunori Wakabayashi obtained his Ph.D in 2000 from the University of Tsukuba in Japan. He was an Assistant Professor at Department of Quantum Matter in Hiroshima University, Japan from 2000 to 2009. From 2009 to 2015, he was an Independent Scientist at World Premier Institute – International Center for Materials. Nanoarchitectonics (WPI-MANA), National Institute for Materials Science (NIMS) in Tsukuba, Japan. In 2015, he has joined as a Full Professor at Department of Nanotechnology for Sustainable Energy in Kwansei Gakuin University, Japan. In addition to the above primary research positions, he was a visiting scholar at ETH-Zurich, Switzerland from 2003 to 2005 and had a concurrent position as PRESTO researcher in Japan Science and Technology Agency. His main research interests are condensed matter theory especially focusing on the electronic, transport and magnetism in nanoscale or mesoscopic scale systems. He is known for his pioneering contributions to the theoretical researches on nano-graphene ribbons.



- ***What inspired you to study nanomaterials?***

I am originally from an engineering background and interested in the theoretical predictions of unique systems. The field of nanomaterials always fascinates me. It is interesting because it is interdisciplinary. It overlaps physics, chemistry and engineering.

- ***Who is your role model?***

My supervisor, Prof. Mitsutaka Fujita is my inspiration. His views were unique. He always wanted something new, a new perspective.

- ***What were you expecting when giving lectures to 1st year undergrads? How was the lecture here different from the lectures you give in Japan?***

I know about the IISERs but I heard that this one is not established completely. It is only the first year. Somehow I couldn't anticipate the quality of the students or their motivation. I really didn't know. After the talk, I was surprised that many students asked interesting questions. There were a lot of discussions. In Japan it rarely happens. I see that the students are very very highly motivated. Your campus is very unique and very interesting.

- ***Which one do you enjoy the most? Doing research or teaching?***

I like both equally; research and education are necessary and linked to each other...I think. To educate someone, being a guide or a supervisor to a Ph.D or masters student, we need new knowledge. While discussing with students, we sometimes get new ideas and our research takes new directions. We find new science and sometimes a good research paper comes out of it.

- ***You are a theoretical physicist. What is your daily schedule? How does your daily research life go?***

I go to office by 8:00 a.m. and start working on my own research....and my research is just calculations on paper and programming. And in the afternoon, students come and discuss their thesis projects, and that's how most of the day goes. I'll be done by 7:00 in the evening. Once a week we have a seminar from an outside guest and after that a professor meeting.

- ***What are you currently working on?***

I'm working on diverse fields. I work on theoretical aspects of graphene nano ribbons, atomically thin nanomaterials like transition metal dichalcogenides systems and cuprate superconductivity. Recently, I started working on plasmon oscillations which can somehow be used for the transmission of the information....it's some kind of optical device.

- ***You talked about Nanotechnology and Science in the lecture. Dr. Sudipta mentioned that you predicted the electronic properties of graphene nanoribbons even before their experimental realization. Does your research have any industrial applications?***

Not directly, but I give advise to companies as a researcher, if some companies want to use graphene for their electrical devices. They are working on applications of graphene. So, we advise them to optimize the conditions.

- ***Science aside, How do you spend your free time?***

I spend most of my free time jogging, walking around the town and reading books. Not only physics books but others too, My favourite writer is Murakami Haruki. He is a famous writer in Japanese.

- ***Japan is famous for its anime, right? Did you watch any of them, do you still do?***

Yes! When I was a kid I watched Doraemon, Gundam. They were very famous. Now my kids watch Pokemon, so I sit with them and watch too.

- ***One philosophical question..... What does happiness mean to you?***

Happiness is... (laughs) It is a difficult question. There are many levels of happiness. When we find new physics, I'm very very happy. When we publish a paper, I'm of course very happy. If a student gets the degree or gets a job, I am very happy. I feel that you should be optimistic in life and make yourself happy. Meditation makes me happy.....doing physics problems is like meditation for me. It focuses my mind and gives happiness.



PRAKRITI

“Be the change that you wish to see in the world.”

-Mahatma Gandhi

The onus of protecting the environment is on us, the youth. To abide by the responsibility we have created our own environmental club “prakriti”. Prakriti was materialized under the able guidance of Dr. Vasudharani and Dr.Subhash to realize the dreams of a green, eco friendly campus. We have taken baby steps to attain the same with planting some trees on science day with a vision to establish a herbal garden in our campus. Our future plans include replacing the plastic pens with reusable fountain pens, reducing the use of plastic bags in the campus and planting and building the greenery in our permanent campus.



MATH CLUB

The math club of IISER Tirupati came out of our mathematics faculty's idea to encourage eager students to learn mathematics outside of their curriculum. The club meets up at least thrice every week in the evenings, where under the guidance of Dr. Subhash, one of the students presents whatever he/she has been reading up on. Everyone is encouraged to attend and discuss concepts related to the topic. These discussions enable students to think critically and build up confidence to present in public. They are encouraged to ask questions and learn how mathematics is written. The topics actively being discussed are Group Theory, Symmetric Groups, Sequences and Series, Curves and Surfaces, and Linear Algebra.



SCIENCE CLUB

The science club of IISER Tirupati has started with one aim: to introduce the students to open science questions across the disciplines. We discuss science in a lighter mood and usually avoid major technical details to keep it within the reach of undergraduate students. The club started with the demonstration of Young's Double Slit experiment and discussions on the foundation of the quantum mechanics by Dr. Sudipta Dutta. Now, the students or faculties choose any scientific topic of their interest and present on that. Until now, we had discussions on speed of light, black holes, geology and quantum entanglement. We have even had a guest speaker Prof. Katsunori Wakabayashi from Japan, who gave us an introduction to carbon based nano technology. The science club has been a great success and now became a regular activity every Thursday.

SHEMUSHI

Shemushi is IISER, Tirupati's Quiz Club. It was started on 6th November, 2015. Every Wednesday students eagerly gather in classroom 1, to take part in Quiz Club events by 8.30 pm. Apart from helping to improve Knowledge, the Quiz Club events are fun too. Quizzes are conducted on interesting topics like History of Modern Science, English Literature until 18th century, 2015-the year that passed by, Astronomy, Fantasy, etc.. There are questions from Current Affairs of the previous week. Also there was a Mega Science Quiz on Science Day, which was purely based on Science. And no wonder we all enjoyed it the most. The members of the Quiz Club are Abiya R, N.S.Chiranjeevi, Karthick Srivatsan and Ranadeep Roy guided by our beloved Physical Chemistry professor Dr.Raghunath Ramabhadran.



BIO-WISSEN

Being the pioneer batch of students at IISER Tirupati, it is our responsibility to leave behind a legacy of excellence in scientific education. So, in our first year under the mentorship of Dr. Vasudharani, we formed a club named Bio-wissen to that end. The aim of this club is to encourage students to take up various topics of their interest in biology and deliver a talk on the same. Students are encouraged to read research papers as one of their objectives in the club is to expose students to scientific research and research methodology. The club will definitely help the students improve their speaking and presentation skills which is a key element of a successful science career. The club meets once a week every Wednesday in the evening. The club meeting is lively and full of discussions among the students and the teachers which include a question and answer session after the talk. On the Bio-wissen's first meet Aditya and Anubhav, made a presentation on the topic of human evolution. The presentation went very well and was a unique learning experience for us. We feel the club has succeeded in creating an environment for learning, discussion, curiosity and creativity in our institute and will continue to give a platform for students to present their work.

MOVIE CLUB

IISER Tirupati also has its own, functioning "Movie club". They play entertaining movies at regular intervals so that the students can take some time off from all the academic worries and tensions. They also try to play the movies which our students prefer by using an online voting system as the movie selection tool. They also screen movies at special occasions such as Republic Day, Halloween etc...

TO THE HEAVEN

-Dibin baby

Still I can hear those footsteps
From the valley of darkness
Their legs were white
Twinkling in the moonlight
Whispers and prayers could be heard
They were longing for that bird
The bird with blue bells and a pearl ring.
The bird takes them to heaven.
Many were in shabby clothes and dull.
A few looked shiny and well.
Some were lacking confidence
But others tried to keep up the pace
Like the ancestors in heaven
The men in sins were afraid
The sinless were brave and calm.
Their minds were clean and clear.
The reward was sure to them.
The golden opportunity to be in heaven.
The troop travelled miles and miles
Still not see the bird minstrel.
The story of the past, the present, the unrolled secret.

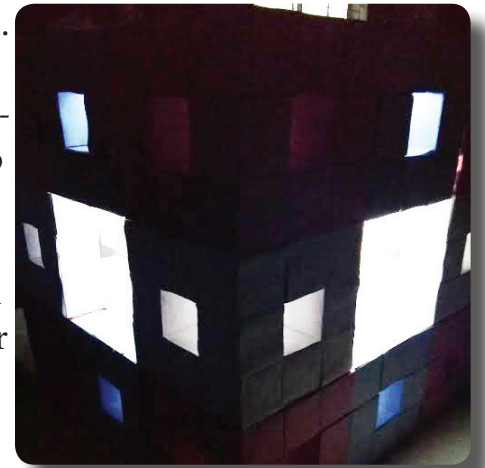
Soon came the most awaited guest
Then all were in great turmoil.
Some faces were dull and some were bright.
What will be the judgement? Will it bring light?
to all men wearing clothes of sin.
The men in white arose a request.
It made the bird's face turn strange
The bird disappeared all of a sudden
Declaring an opportunity to all the wicked.
It was a chance for all to change.
A small change can change the whole future.
Why bring that small change?
A change in Mind, A change in Look,
A change in Face, A change in Attitude
Chance will be given to all, Time will be given to all
Who can obey? Who can try a Change?
Wish you a Happy Journey
For an Eternal Journey, to the Heaven of Peace
To the Heaven of
Peace.....!!!

Dibin

The Incognito Warrior

-A Mithun Sai Sundar

In the forest there was an orphan named Jackson Ganga who had a deadly disease. He was going to die soon. He had no one to talk to or play with. All he had in his cabin was a chair, a bed, and a gun, that his father had left with him. So one fine day when he was lying on his bed he heard a loud noise. It sounded as if the judgement day has come. He went outside and saw a flying saucer closing in and from the saucer he saw an alien coming out. The alien was so monstrous that even Satan would look adorable in front of him. The alien saw Jackson and using its psychic power it levitated him and brought him closer. On seeing Jackson's desperate situation, the alien thought to use him as a bait. So the alien said to him telepathically, "You are going to die soon, but if you listen to me I could make you live longer", saying this the alien gave him a glass and said "when a person kills a hundred souls with this cube all the hundred souls would combine to give the killer a soul of a fallen god, which grants the killer eternal life and salvation, but beware when the cube is in connection with a host soul and the killer with the host soul dies, the cube would explode and destroy all life form nearby". So on hearing this Jackson thought that god has given him a second chance and took the cube and went to the city. At first Jackson went to a school and he saw many parents outside the school gate waiting for their children. On seeing this Jackson took out the cube and when he was about to kill them his childhood memories of being an orphan came to his mind and at that time he thought that no other child in this world should suffer the embarrassment and sufferings he had experienced in his life. So Jackson Ganga left that place. Soon, after some time Jackson reached a public park and saw many old people sitting in the park benches and at that time he thought that these old people had already lived their lives and so it's no wrong in killing them and so Jackson took out the cube once again and when he was about to kill them something caught his eye. He saw an old man playing happily with his grandchildren and talking to his son and at that moment Jackson thought "human being is considered to be alive only when he has some loved ones around him. If a human being is alone he is considered to be a corpse and that too I am an orphan with a deadly disease who is going to die soon and no one is going to cry or miss me when I am gone. Nobody likes me. Nobody even knows me. I even don't have anybody to bury me, so what's the use of living in this world" on saying this Jackson made a decision. "Instead of 100 people dying for me why don't I die and save 100 people and at least become The Incognito Warrior". So Jackson went to his cabin, took his gun and went to the alien and pointed it at it. The alien on seeing the gun laughed and told Jackson "Do you think that puny gun of yours is going to even create a scratch on me, I AM A GOD NO MORTAL WEAPON CAN KILL ME" But Jackson just smiled at the alien and said "I know" and shot himself and as the alien said the cube that was connected to Jackson ganga's soul exploded killing the alien and destroyed its spaceship. So Jackson Ganga who was brought into this world as an orphan left the world as a warrior. So anybody can become an incognito warrior if they try hard enough.



తల్లి ప్రేమ

-పునిత్ రాజ్

Dear Mother

-Punith raj

This poem depicts the incomparable love of mother. Mother's drizzling love and care made him see the entire world in a new way

అమ్మ ..!నీకు వందనం
నా పలుకుల హరివిల్లు నువ్వే
నా మాటల చిరుజల్లు నువ్వే
నా బాల్యపు ముచ్చట్లు నువ్వే
నా ఆటల అల్లర్లు నీ నవ్వే!!

అమ్మ ..!నీకు వందనం
నా బాధకు కన్నీరు నువ్వే
నా అలుపుకు ఆహ్లాదం నువ్వే
నా గెలుపుకు రూపం నువ్వే
నా పాటకు ప్రాణం నీ నవ్వే!!

వచనం క్షురీ క్షురీ

- అభిజిత్ బెహెరా

Again in my mind

Abhijeet Behera

"Dreams" the best feelings in our life, but they may never become reality. The poem describes the search for a great treasure in a dream. But it doesn't come true. The dream remains as a dream itself.

దృశ్యం వాగల కృత్యం రుచి వున్న
వృక్షం వృక్షం గోధూమి,
వృక్షం వాగల వేలం వేలం వేలం
గోధూమి వేలం వేలం వేలం .

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నీవే నీవే నీవే నీవే .



The Best?? Yeah, by a Long Way

-Nabadip Choudhury

Barcelona and Real Madrid may be the best teams but the English Premier League is the best in the world. A fortnight ago on a chilly evening in North London, Barcelona once again showed their class as they left Arsenal's hopes of the Champions League hanging by the thread, with a 2-0 win at the Emirates with Lionel Messi producing two moments of sheer brilliance. Premier League sides used to be a consistent presence in the latter stages of Europe's to compete in recent seasons with Chelsea's 2012 victory being the last time an English club made it to the final.

The likes of Barcelona, Real Madrid, Bayern Munich and Juventus have dominated Europe in their place, while the English top flight has faced some heavy criticism for the task of consistency and unpredictability of results. But what sets the Premier League apart from the Bundesliga, La Liga and the Serie A is the unpredictable excitement and level of competition. If we look at the Bundesliga, it has always been Bayern Munich most of the time, taking all the laurels. Although it may be argued that this authoritative, landslide performances from the Bavarian giants had helped the German national side deliver the 'The Holy Grail' in Brazil in 2014, the World Cup, yet the league itself is quite dull.

The La Liga has always been two raced, Real or Barca, Ronaldo or Messi. On the football pitch, their presence is considered heavenly, but we do forget our basic question. "Is La Liga the best??" Some may argue that the recent rise of Atletico Madrid, under the aegis of their former player Diego Simmeone may be a counter example, however a three horse race at the top of the table hardly answers the question. Juventus have been playing some wonderful football in recent seasons, still the Serie A is more of a predictable table than not. The 'Old Lady of Turin' possesses some of the finest young talents in Europe, but the lack of serious challenges from competitors like Milan, Inter or Roma, hardly pose a serious challenge to them.

Coming back to the Premier League, Leicester City at the top?? !!! West Ham at 5th?? !!! And most importantly defending champions Chelsea at 10th?? !!! That's the beauty, the Premier League provides. Not one, not two, not even three but atleast six teams are capable of mounting a serious challenge for the title. Most pundits had predicted Leicester and West Ham to be relegation strugglers but they have defied all odds to come back and haunt others, most likely to be playing in Europe next season.

The year old £5.4 billion deal between Sky Sports and FA speak volumes. This is just crazy money flowing in the league, promoting even the lower sides to go all out in the league for something respectable, sometimes something extraordinary.

So, folks, the question still remains "Who will take the trophy this year??" Come May 15th, we will have a new Champion.....

A Saturday Evening

- Nandita Nair

Three hours have passed. Three hours of wandering around the streets of Tirupati, searching for food and atmosphere that might vaguely remind us of a place we call home. Looking around, you see your friends-people you didn't even know a few months ago. Friends formed from the comfort of knowing that the other is as much a stranger to this land as yourself. You eat what good food you manage to find, and shop some more to forget the feeling of being outside your comfort zone. Content with full stomachs and a good time, you decide that you have to get back to the monotonous circle of classes and projects.

On the (shared) auto ride back, you sit and ignore the other passengers. Sometimes you and your friends annoy them. Sometimes they annoy you. It's interesting how people let strangers invade their private space for a cheap fare. You shrug it off, and take a look at the roads. See the sky turn from light blue to red to pitch dark. Your friends make a joke or two and you laugh along, as the stars come out and the breeze gives you chills. The stars come out, twinkling, shining in all its glory. You remember that the starlight you see is not the light that the star is emitting now. It comes from millions of years ago and since the night sky is full of stars, it is just the tapestry of different time periods put together. So in a way, this light has travelled from its home-star to a foreign land, just like you. You smile and the cool winds now bring some warmth with them. Your friend notices you smiling at the night sky and asks you what drugs you're on. You smile a little wider.

The auto stops, you reach Sri Rama Eng. College. In two minutes you'll be back in college- back to the classes and people that make you realize how little you know about anything at all. You look up at the stars and the moon, and a strange serenity overcomes you. You think of everything you love, everything you've left behind to be here in this foreign place, and for once, it is not sadness but delight that you feel. Pride for having stepped out of your comfort zone, for venturing into unknown territory. For having succeeded, though with great effort, at making a second home in the building you're supposed to spend the next five years in.

Walk into the college, say hello to the guard and sign in. You lazily climb up two flights of stairs and see the moon light through the windows of the sports room. The stars shine through. You smile.

You'll be alright here.

IS THAT YOU??

-Jalaja Madhusudhanan

I have to say this. This is the story of a girl of 18, who has started enjoying the freedom of a teen's life. It is a truth that apart from these enjoyments, her hostel life (first attempt to be independent of her care takers) brought new responsibilities and habits. She finds herself, a lost kid in heavy rain, without an umbrella! When she started her college life, her mind was full of dreams and expectations about a new path that has been chosen by her well wishers. She believed in them knowing that they only know what is best for her. Within a few months she got used to the new patterns of life. The first thing that she realised is that she is alone in her new world. She found herself among strangers. There was nobody whom she could trust. She remembered and felt proud about her school friends, though there aren't many names to remember. It was a quite hearty realization that there existed a world to which she had never been exposed to. Being detached from her world of concern, she could find herself always dumped among books. She enjoyed each moment of her studies. By knowing new things she made herself happy and tried to fit herself into the picture.

The second thing she explored was an entirely new definitions of 'student' and 'teacher'. It was something about which she had no idea earlier. I am sure that now she knows the importance of being 'mentored'. Her mentor forced her to think about her reserved attitude and change it accordingly to survive in this new world. It created a great conflict in her mind. It was something that none of her well wishers have insisted her to do. One thing that I can surely say now is that she must be very thankful to her mentor. (I am too!)

Needless to say, like anyone of us, she too had many happy and proud moments in her college with her classmates. She enjoyed each and every moment in the class and outside the class, but never shared the pleasure she felt. She takes pride in her friend's achievements, worries for her fellows, but never expressed her concern. She felt like a bird in a gold cage, which was always pampered and then released suddenly one day to explore the world outside! (If you can really think of such a bird, it will be puzzling to think of what it will do. It won't go beyond a certain limit!) There she realizes another fact of life. Complete enjoyment comes by sharing things! In the context of studies, she explored that marks never matters to her. Now I know that she might be laughing quietly, remembering those school days, always worrying about marks! Being away from all support she realizes how hard it is to make independent decisions. Interestingly, she often found those strange people, who have nothing to do with her, very supportive and helpful, rather than those whom she expected.

However now she has accustomed to the loneliness of her new world. She believes in others than in herself. She is bold enough to persuade her interest and hoping for the best. She is thankful to those who have always guided her. Now she has opinions and her own choices. She is one among you.

When I write this, I can hear somebody is asking me: "IS THAT YOU??"

NATIONAL SCIENCE CAMP 2016

-Aditya Kulkarni

The train arrived at the Yeswanthpur station (Bengaluru) at sharp 8-00 AM on 17th of December 2015. There was a bus waiting for students like me who were attending the Vijyoshi camp. I was greeted by a senior (volunteer) from IISc. We started our journey towards the institute and we were told to go to KVPY office once we reached there.

Delicious breakfast was waiting for us there (KVPY officials surely knew how to take care of the hungry students :p). We were given an ID card bearing a registration number, a backpack, a t-shirt and food coupons for the three days' stay. Accommodation was arranged for me at an apartment called the Platinum City while others were accommodated at IISc's guest house. The day passed and I was busy making new friends as I had to live with them for the coming 4 days. With sunrise came the D-Day, the day for which I was waiting for and I am sure many others were also waiting. I met my fellow class mates from Tirupati near J N Tata Auditorium. We were welcomed by the buzzing sound of students.

Prof. P Balaram, the Director of IISc enlightened us with the meaning of Vijyoshi and the main motive behind this camp in his succinct speech. This marked the beginning of the lecture sessions for the day. We waited anxiously for Prof. Laurie Butler to deliver her lecture on the topic – Radical intermediates in Bimolecular organic reactions. It was a very informative lecture. The camp started out well as expected. The highlight of the following day was Prof. Jainendra Jain's lecture which focused on the Birth of superconductivity and its applications. This was a fantastic lecture. We got to know the properties of the particles at quantum level which imparts them this special feature. The day's session was concluded along with dinner at JVH. The morning session for the next day was inaugurated by Prof. Srinivasan who spoke on the development of Organic chemistry and its exciting applications. Prof. Michelle Simmons was the pioneering lady in the Quantum computing field. She spoke to us on her research topic which was very fascinating.

The first lecture related to biology was given by Prof. Raghu Kalluri on the topic "New advancements in the diagnosis and control of Cancer". I was like "Wow!" after hearing his lecture. He explained every topic in great detail considering our level. We had a special dinner at JVH and another day came to an end! As it is popularly said, "Best at the last!". This was indeed true. Prof. Rudi Van Eldik was the last and the best person to deliver the lecture in the camp. Known as Magic Rudi, he organized several magic shows involving chemistry experiments in Germany and Poland.

After this memorable camp, we didn't want to leave IISc and its campus. But as it is truly said, "All good things come to an end." The camp ended. The experience was enriching and the knowledge gained was immeasurable. We were exposed to different exciting fields of science and research. Our juniors who attended the camp (class XI and XII) were awestruck by some developments in the science. I really believe that the ultimate goal of promoting science was achieved and my decision to pursue science was further strengthened.

MY EXPERIENCE AT IISM

-Adithya. R

One of the craziest experiences I've had over the course of 1st sem of my IISER life was the 4th IISM(Inter IISER Sports Meet) held at IISER Bhopal. Since I consider sports as an irreplaceable part of my day-to-day life and also the fact that I was in the pioneering batch of IISER Tirupati, I desperately wanted to prove myself in the area of sports. Naturally IISM gave me the opportunity and I took it.

To make things clear I must say I love playing football and badminton. Since people had other commitments and also the fact there were only few of us, we couldn't make a football team. So I thought I'd play badminton. The first shocker I received was that I was the only one representing my college. I had mixed feeling at the time. On one hand it was exciting to take part in the IISM, on the other hand I was going to be all 'alone'. It was clear in my mind that I could not back out now, cause that was what a real sports person wouldn't do.

So I went to Bhopal, the venue of IISM, and there came the second shocker. Due to lack of proper communication, I wasn't informed that badminton was a team event. I had come all the way here believing that I could participate. Since there was no other team member I was disqualified. I was very disappointed at the point. I was all alone there. I knew no one and more over it was difficult to accept defeat when before I even played a single match.

It was my Pune mates that supported me in my troubled time. They made me feel at home, even if I wasn't explicitly a part of Pune contingent. I took part in some of the individual events even though i knew that it was never going to bear any fruit. When it was all over, my Pune friends and I roamed around the city. We enjoyed a lot over the course of the meet. The closing day of the event was a special experience. Even though I did not get any prize the people there applauded me. All I could hear was the applause, nothing else. I was stunned. It was simply amazing.

When I remember it now, it sparks a smile over my face but at the same time it makes me realize how life throws unexpected challenges our way.

This is all that I could summarise from my experience.

I should also thank our sports incharge Dr.Raghunath who was always in contact with me over the meet and provided me with moral support all the time.

IISER Bhopal ☆ 2015

మహిళా సాధికారత

- జ్యోతిర్మయి

Women empowerment
Jyothirmayi

This article is about the evolution of women from a disastrous society in which they are not even given minimum respect, to a stage in which women became the pioneers of the world. It is a healthy noticeable advantage in developing countries like India and hope this will continue to achieve more.

నేటి నవ భారత సమాజంలో మనిషి ఆర్థికంగా విజ్ఞాన పరంగా ఎంతో ముందంజ లో ఉన్నాడు. అన్నిటిలోకి అతి ముఖ్యమైన, ఉత్తమమైన మార్పు మహిళాభివృద్ధి. వంటింట్లో ఒక మూల పడి ఉండే స్థితి నుండి నేడు ప్రపంచ రాజకీయాల్లో, విజ్ఞానంలో ఎన్నో మార్పులకు కారణ ఓ అయి స్థాయికి చేరుకుంది.

ఈ అభ్యుదయం ఒక రాత్రి లోనే జరిగింది కాదు, పురుషుల ఆధిక్యత ను ఎన్నో ఆటంకాలను ఎంతో ఓర్పుతో తట్టుకొని, నేటి నూతన సమాజంలో ఉన్నత స్థానానికి చేరుకున్నారు. చరిత్రలో చూసినట్లయితే స్త్రీకి కనీస గౌరవం కూడా లభించేది కాదు. ఒక ఆటబొమ్మవలె, ఒక యంత్రం వలె చూసేవారు. దానికి కన్యాశుల్కం, సతీసహగమనం, వరకట్నం వంటి సంఘటనలే ఉదాహరణ. ఇప్పటికీ కూడా కొన్ని గ్రామాల్లో మహిళకు సరైన చదువు, అవగాహన లేక వరకట్న వేధింపులకు గురవుతున్నారు. భారతదేశం వంటి చోట సంప్రదాయం అనే పేరుతో స్త్రీ కేవలం ఇంటికి మాత్రమే పరిమితమైన రోజులు ఉన్నాయి. చదువు కోరితే బరితెగించటం, హద్దులు మీరటం గా భావించేవారు. కాలక్రమేనా ఇటువంటి ఆలోచనల్లో మార్పు రావటం శుభశూచికం.

తూర్పు ఆసియా ఖండాల్లో ముఖ్యంగా భారతదేశంలో ఈ అభివృద్ధి 17, 18 వ శతాబ్దాలలో ఆరంభమైంది. రాజా రామ్మోహన్ వంటి గొప్ప వ్యక్తులు ఆ రోజుల్లోనే, కన్యాశుల్కాన్ని, సతీసహగమనాన్ని అణగదొక్కి, వితంతు పునర్వివాహాలకు, స్త్రీల చదువుకు నాంది పలికారు. అయినా సరే ఇప్పటికీ కొంతమంది స్త్రీని ఒక బాధ్యతగా కాక, ఒక బరువు వలె భావించి, ఆమె అభిప్రాయాలకు విలువ ఇవ్వకుండా చదివించకపోవటం, పురిటిలోనే ఆడపిల్లని చంపేయటం వంటి చర్యలకు పాల్పడుతున్నారు. ఈ ఆలోచనలోనే మార్పు రావాలి.

ఆరోజుల్లోనే, లక్ష్మీబాయి, రూద్ర మ దేవి వంటి వీర వనితలు శత్రువులను ఓడించి విజయవంతంగా రాజ్యాలను ఏలారు. అంతేకాక భారత రాజకీయాల్లో ఇప్పటికీ ఎప్పటికీ నిలిచే ఆదర్శం ఇందిరాగాంధీ. నేటి తరంలో స్పృతి ఇరానీ వంటి రాజకీయ వేత్తలు మహిళలకు గర్వకారణంగా నిలిచారు. మిథాలీ రాజ్, సానియా మీర్జా, మేరీకోమ్, సైనా, కరణం మల్లిశ్వరి వంటి ఎంతో మంది క్రీడా ప్రముఖులు దేశానికి ప్రపంచ ఖ్యాతిని తేవటమే కాక, మహిళలు శారీరకంగా బలహీనులు కాదని నిరూపించారు. విజ్ఞాన పరంగా చూసినట్లయితే సునీతా విలియమ్, కల్పనా చావ్లా, వంటి వ్యామగాములు, అంతే కాక జానకి అమ్మల్, టెనీ థామస్, ఆర్. రాజేశ్వరి వంటి శాస్త్రవేత్తలు ఎ ఓ తో అభివృద్ధికి సహాయపడటమే కాక, తెలివితేటల్లో పురుషులతో ఏ మాత్రం తీసిపోరని మరొకసారి నిరూపించారు. ఇక వాణిజ్య రంగంలో నీతా అంటాని, సుధా మూర్తి, వినీతా బాలి, జ్యోతి దేశ్ పాండే తమదైన శైలిలో ప్రత్యేకతను చూపి ఘన విజయాన్ని పొంది స్త్రీ శక్తికి నిదర్శనమయ్యారు.

ఇలా చెప్పుకుంటూ పోతే మహిళలు కాలు మోపి విజయం సాధించి రంగం లేదు. భారత సైనిక దళాల్లో మహిళలకు కూడా స్థానం ఇవ్వటం ఎంతో గర్వకారణం. స్త్రీ ఒక తల్లిగా, ఒక భార్యగా, ఒక సోదరిగా, ఒక మిత్రురాలిగా, అనేక పాత్రలను వహిస్తూ, ఒక వైపు ఇల్లు చక్కబెట్టుకుంటూనే, మరొక వైపు, బయటకు వెళ్ళి కుటుంబ పోషణ కోసం శ్రమించే అనేక మంది స్త్రీలను నేటి సగటు సమాజంలో మనం చూడొచ్చు. ఇటువంటి ఎన్నో దశలను ఎదిరించి ఆత్మబలంతో ముందుకు సాగటం ఒక మహిళకు మాత్రమే సాధ్యం.

అందుకే స్త్రీలను దేవతా స్వరూపులని, ఓర్పు కు మారుపేరని అంటారు. హీనమైన స్థాయి నుంచి, దేశానికి అనేక రంగాల్లో అభివృద్ధికి పాటుపడి గర్వకారణంగా నిలిచిన మహిళకు నా వందనాలు. ఇలానే రాణింది దేశ, ప్రపంచ, మానవ అభివృద్ధి కి సహాయపడాలని, లింగ అసమానత్వ భేదాలు తొలగి పోవాలని కోరుకుంటూ

ఒక స్త్రీగా పుట్టటం వరం,
స్త్రీ అంటే స్వచ్ఛత,
స్త్రీ అంటే శక్తి,
స్త్రీ అంటే ప్రేమ,
స్త్రీ అంటే బాధ్యత

అటువంటి సగటు మహిళలందరికీ గౌరవపూర్వకమైన వందనాలు తెలుపుతూ - జ్యోతి

एक अधूरी कहानी

- प्रणव उण्णिकृष्णन

An incomplete story

Pranav Unnikrishnan

The poem speaks about an incomplete love story. The beautiful feelings of love, the tensions of proposal, and the pain of heart break are depicted. It also speaks about the loneliness that follows.

जाने क्या हुआ था मेरे दिल को
यह धड़क रहा था एक अलग से इन्तहा से
शायद कुछ कहना था इस दिल को
लेकिन लफ़्ज़ों को होठों तक ना ला पाया
नजाने कब धड़कन इतनी तेज़ हुई,
दिल की बात कहने से रोक न पाया खुद को।
"इश्क हो गया है तुमसे" मैं कहता रहा,
"और मैं तुम्हारे बिना जी नहीं सकता,
कब तुम्हारे साथ रहना ही मुझे जन्मत लगने लगा,
कब तुम मेरे जीने की वजा बने, न जानूँ मैं।
जाने क्यों आज तक तुमसे कह नहीं पाया
मेरी आशीकी तुमसे ही।"
लेकिन क्यों यह हुआ, जो मैं कभी सीच भी न सका,
जैसे दिल को आग के दरिया मे डुबोया हो।
पहली बार मैं जाना कि कैसे
एक "ना" से, गम के बादल छाए जिन्दगी पर।
जब "वह" एहसास हुआ
जब जाना कि तुम मुझसे दूर हुई,
सोचा कि क्यों तुम हो मुझसे रिहा
काश, तुम मेरे साथ होती...काश...
आज जी रहा हूँ मैं तुम्हारी यादो के संग,
ऑसुओं को छुपाकर हसता हूँ दुनिया के सामने।
अब नहीं हो मेरी जिन्दगी में तुम, फिर भी
मेरे ख्वाबों से जुदा ना हुई तुम।
ना भूल पाएगा यह दिल तुम्हे, क्योंकि
अगर भूल गया यह तुम्हें तो,
धड़कना भी भूल जाए यह दिल।
अभी जो मुझे जिन्दगी से जोड़े रखे, वह बस
तुम ही तुम हो, और तुम्हारे आने का इन्तजार...!!!

ജാലകക്കാഴ്ചകൾ

-ഷിജിഷ ഏ.സി

View Through The Window

Shijisha Khalid A C

The poem describes the hardships faced by Indian women, their shattered dreams and broken souls. The poetess conveys her thoughts as she watches through the window of time.

ഈറൻ മഴത്തുള്ളി വീണൊരു വീഥിയിൽ
 കണ്ടു ഞാനെന്നിലെ സ്വപ്നങ്ങളെ
 ഈണം കൊടുത്തു ഞാൻ കാത്തുവെച്ച
 എന്നിലെ ദിവ്യമാം കാവ്യങ്ങളെ
 ആരോ മെനഞ്ഞിട്ടു പടിവാതിലിൽ
 വിരിയാൻ കഴിയാത്ത പാഴ്ക്കിനാവായ്....
 താരാട്ടുപാട്ടിന്റെ ഈണം കൊടുത്തു ഞാൻ
 പാടിയുറക്കിയെൻ പൈതലിൻ കൈകൾ
 വന്നു തടഞ്ഞെന്റെ സാരി തലപ്പിൽ
 രക്തക്കറ വീണ നെഞ്ചിലായെന്നു
 വന്നായി കരുതിയ വാത്സല്യവും
 നീട്ടിപ്പിടിച്ചു ഞാൻ തേങ്ങുന്നൂവെന്നീ
 അഴികളാൽ തീർത്തൊരീജനലരികിൽ
 അകലെ മരുഭൂമിയിൽ പിടയുന്ന ജീവൻ
 സാന്ത്വന വെട്ടുമായ് നീട്ടിയെൻ കൈകൾ
 മിഥ്യയായ് മാത്രം തോന്നുവാനായ്
 എന്തേ ഭവിച്ചു ഇന്നെന്റേയുള്ളിൽ??
 കാണാൻ കഴിഞ്ഞില്ല ഒരു തുള്ളി സ്നേഹം
 അമ്മയാം ഭൂമി തൻ വിരിമാനിലെങ്ങും!!
 മാറാൻ കൊതിക്കുന്ന അന്ധകാരത്തെ
 മറക്കുവാനുള്ളൊരു നൂറുങ്ങുവെട്ടും
 ഉണ്ടെന്നെന്റേയുള്ളിൽ എന്നുരഞ്ഞിട്ടും
 ആരും കേട്ടില്ല!! വന്നടുത്തില്ല!!
 ഇതളായ് കൊഴിയുന്ന മൈത്രിയെ നോക്കിയ
 മിഴിയിൽ അശ്രു പൊഴിയാൻ തുടങ്ങി.....
 ആരോ മൊഴിഞ്ഞെൻ കാതിൽ പതുക്കെ
 നീ വെറും നീറുന്ന മാനസപുത്രി
 വരുകില്ല നീ ഈ അഴികൾക്കുമപ്പുറം
 നീ കാണും കാഴ്ചയെ ഓർത്തു കൊണ്ട് ...

അമ്മ

ജയമോൾ പി

MOTHER

JAYAMOL P

The world has turned so evil that people do not even value relations. The story tells us one such "son" who abandons his mother in an old age home. What follows is heart touching.....

ഒരുപാട് വൈകിയിരുന്നു. ഉച്ചയ്ക്ക് വീട്ടിൽ നിന്ന് ഇറങ്ങിയതാണ്. അയാളുടെ കാർ ഹൈവേയിലേക്ക് കയറി, പെട്ടെന്ന് എതിർ ദിശയിൽ നിന്നും ഒരു വലിയ ലോറി നേരെ വന്നു. ഒരു നിമിഷം കൊണ്ട് എല്ലാം തീരുമെന്ന് അയാൾ കരുതി. പെട്ടെന്ന് അറിയാതെ "അമ്മ" എന്നു വിളിച്ചു. എന്നാൽ നിഷ്പ്രയാസം ആ അപകടത്തെ അയാൾ മറികടന്നു.

നഗരത്തിന്റെ തിക്കും തിരക്കും കുറഞ്ഞ ഒരു വൃദ്ധസദനത്തിൽ തന്റെ വൃദ്ധമാതാവിനെ ഉപേക്ഷിച്ചിട്ടു തിരികെ വരികയായിരുന്നു അയാൾ. സന്ധ്യയായാൽ രാമാരാമാ.....എന്നുള്ള അമ്മയുടെ പ്രാർഥനയും, അമ്മയെ പാർപ്പിച്ചിരുന്ന മുറിയിലെ എണ്ണയുടേയും, കുഴമ്പിന്റേയും ഗന്ധവും അയാൾക്കും പത്തിയ്ക്കും എന്നും അവജ്ഞ ആയിരുന്നു. അവളുടെ വാക്കുകൾക്കു വഴങ്ങി അമ്മയെ അയാൾ ഉപേക്ഷിച്ചു. ആ വൃദ്ധസദനത്തിലെ ചിലവുകൾ എല്ലാം നിഷ്പ്രയാസം അയാൾ വഹിച്ചു. മടിച്ചു മടിച്ചാണ് ഫോൺ നമ്പർ നൽകിയത്. തിരികാൻ നേരം അമ്മയുടെ മുഖത്ത് കണ്ട ആ വികാരം ഒരല്പം പോലും അയാളെ ആകുലനാക്കിയില്ല.

വീട്ടിലെത്തി ഭക്ഷണം കഴിച്ചിട്ട് ആശ്വാസമായി അയാൾ ഉറങ്ങി. ഒരാഴ്ചയ്ക്കു ശേഷം വൃദ്ധസദനത്തിൽ നിന്ന് ഫോൺ വന്നു, അയാൾ പ്രതികരിച്ചില്ല. വീണ്ടും തിരക്കുകൾക്കിടയിൽ അയാൾ അമ്മയെ മറന്നു ഇതിനിടയിൽ പലതവണ വൃദ്ധസദനത്തിൽ നിന്നും ഫോൺ വിളികൾ വന്നു.

അന്നൊരു തെളിഞ്ഞ ദിവസമായിരുന്നു. അയാൾ വീടിനു പുറത്തിറങ്ങിയപ്പോൾ അവിടെ നിന്നിരുന്ന കുറ്റിച്ചെടിയിൽ ഒരു മഞ്ഞുതുള്ളി കണ്ടു. മഴവില്ലിന്റെ ഏഴു നിറങ്ങളും അതിനുള്ളിലുണ്ടായിരുന്നു. അത് അയാളെ തന്റെ ബാല്യത്തിലേക്ക് കൊണ്ടുപോയി. നന്നേ ചെറുപ്പത്തിൽ ഒരിക്കൽ അയാൾ തന്റെ അമ്മയോട് ആ കാഴ്ച കണ്ട്, കാരണം തിരക്കിയപ്പോൾ അന്ന് അമ്മ പറഞ്ഞത് " നീ എപ്പോഴും ഞാൻ കൂടെ ഉണ്ടാവാൻ ആഗ്രഹിക്കില്ലേ അതുപോലെ നിറങ്ങൾക്ക് മഞ്ഞുതുള്ളിയുമായി ചേർന്നു നിൽക്കാനിഷ്ടം " ആ വാചക അപ്പോഴത്തെ അമ്മയുടെ മുഖം മനസ്സിൽ തെളിഞ്ഞു. എന്തോ ഉറച്ച തീരുമാനം എടുത്ത ശക്തി അപ്പോൾ ആ മുഖത്ത് പ്രതിഫലിച്ചിരുന്നു. പെട്ടെന്ന് ഒരിക്കൽക്കൂടി വൃദ്ധസദനത്തിൽ നിന്നും ഫോൺ വന്നു: ദയവായി നിങ്ങൾ ഒന്നിവിടം വരെ വരണം. അയാൾ കാർ വേഗത്തിൽ ഓടിച്ചു. അമ്മയെ പാർപ്പിച്ചിരുന്ന മുറി ശൂന്യം. വൃദ്ധസദനത്തിന്റെ മാനേജർ പറഞ്ഞു മൂന്നു ദിവസം മുൻപ് അമ്മ മരിച്ചു. നിങ്ങളെ കോൺടാക്ട് ചെയ്യാൻ ശ്രമിച്ചു കഴിഞ്ഞില്ല. ഇവിടെ പൊതുശ്മശാനത്തിൽ അടക്കി. ഇത് ബാക്കി രൂപയാണ്. അപ്പോൾ അയാൾ കരഞ്ഞില്ല. എന്തോ ഒരു നഷ്ടബോധം. എവിടെയോ സ്വയം മറന്നുവെന്നൊരു തോന്നൽ

जिंदगी@कॉलेज

-शुभम सिन्हा

Life at college
Shubham Sinha

This article positively reflects some of the interesting memories of college life
It tells us that no matter how harsh life gets , face them with a smiling face .

शायद पहलीबार आपके इतने सारे friends बनते हैं जो आपको आप से बेहतर जानते हैं और यही से आप जिन्दगी जिने के नये तरीके सीखते हैं। Studies के pressure के साथ साथ मस्ती, हाय के पाँच दिनों की frustrating classes के बाद दो दिनों की छुट्टी 1 मानो की इन दो दिनों में ही आप महसूस करते हो कि : जिन्दगी ना मिलेगी दोबारा ।

Exams के दो दिन पहले तो मौसम ही बदल जाता है। देर रात की group studies, exam के एक दिन पहले उस बकरे को पकड़ना जिसे कल के exam की subject आती हो। रात के तीन बजे तो लोग ऐसे घूमते है कि मानो आज ही महाभारत का final match हो।

ये सारी चीजे हम तब miss करते हैं जब हम holidays में घर पर bore हो रहे होते हैं। शायद इन घोड़े से सालो में subject के साथ साथ हम ये भी सीख जाते हैं कि life बहुत छोटी है और इसमें मायूसी के लिए कोई जगह नहीं है ।

हम life के इस marathon में कल भी दौड़ रहे थे और आज भी दौड़ रहे हैं मगर ध्यान रहे कि हमारी इस race में हम अपनी प्यारी सी मुस्कान की छोड़ न दे' और जब हम मुड़कर पिछे देखे तो हमें केवल अपने अच्छे grades की ही बल्कि वो यादें भी दिखे जिनके एहसास से हम हमेशा मुस्कुराते रहें ।

So, keep smiling friends .

If you ever feel sad then just say to yourself :

“ Sometimes it happens , yaar “.

பூமியின் கிரூடங்கள் - மலைகள்

Mountains - Crowns of the Earth
Abiya R

This is an article about Mountains. The writer admires the beauty and the majesty of mountains. It also gives information about the important South Indian Mountain ranges - the Western Ghats and the Eastern Ghats.

முன்னுரை:-

" பூமித்தாயின் பொன்கிரூடம்
உச்சத்தின் உச்சம்
அழகின் சிகரம்"

பார்க்க பார்க்க மலைப்பை ஏற்படுத்துவது மலை. மேகங்கள் கூட மோகம் கொண்டு உரசிச் செல்லும் அழகிய மலைகளைப் பற்றி இக்கட்டுரையில் காண்போம்.

புவியின் கிரூடங்கள்:-

மலைகளை புவியின் கிரூடம் என்பது வெறும் மிகைப்படுத்தப்பட்ட புகழல்ல. சுமார் 67 சதவீத புவியின் உயிரினங்களின் வீடாக இருப்பது, மலைகளே. மேகங்களைக் குளிர்வித்து, மண்ணை மகிழ்விக்க மழை பொழியச் செய்யும் கடமையையும் சிறப்பாகச் செய்து வருகின்றன. புவியின் பழையமையானச் செல்வங்களுள் ஒன்றான மலைகள், புவியின் மணிமுக டம்போல் விளங்கினாலும் அமைதியாயிருந்து, அடக்கத்திற்கும் சான்றாகின்றன.

குறிஞ்சி நிலத்தின் சிறப்புகள்:-

சங்கத் தமிழர்கள் மலையும் மலைச் சார்ந்த பகுதிகளையும், குறிஞ்சி என வகைப்படுத்தினர். இப்பொழுது மலை தொடர்பானக் கல்வித்துறை மலையியல்(ஓரொலொக்ய்) என்றழைக்கப்படுகிறது. "சேயோன் மேய மைவரை உலகமும்" (சேயோன் குறிஞ்சி நில தெய்வம் என்பது குறிப்பிடத்தக்கது) என்று தொல்காப்பியம், குறிஞ்சியின் சிறப்பை விளக்கும்.

உயிரின வாழ்க்கைத் தொடர்பான ஆய்வுகள்:-

மலைகளின் குளிர்ச்சியான காலநிலை, அங்கு வாழும் தாவரங்கள் மற்றும் விலங்குகளைப் பாதிக்கிறது. இதில், குறிப்பிடத்தக்க ஒரு சில தாவரங்கள் மற்றும் விலங்குகள் மட்டுமே வாழ்கின்றன. இதனால், உயிரினங்களின் பரிமாண வளர்ச்சி பாதிக்கப்படுகின்றன. உலர் காலநிலைகளுடன் உள்ள பகுதிகளில், அதிக மழையினாலும் குறைந்த தட்பவெப்ப நிலையினாலும், பல்வேறு இயற்கை சூழல்களை வழங்குகிறது. குறிப்பிட்ட உயர்ந்த மண்டலங்களில் காணப்படும் சில தாவரங்கள் மற்றும் விலங்குகள், ஒரு குறிப்பிட்ட பகுதிகளுக்கு மேல் சரியான உணவு கிடைக்காமையால், தனிமைப்படுத்தப்பட்டு அழியும் தறுவாயில் உள்ளன. இவ்வாறான சுழற்சி முறைகள் "வான் தீவுகள்" என்றழைக்கப்படுகின்றன.

மேற்கு தொடர்ச்சி மற்றும் கிழக்குத் தொடர்ச்சி மலைத்தொடர்கள்:-

உலகில் பல்லுயிர் வளம் மிக்க எட்டு இடங்களில் மேற்குத் தொடர்ச்சி மலைகளும் ஒன்றாகும். இங்கு சுமார் 5000 வகை பூக்கும் தாவரங்களும், 139 வகை பாலூட்டிகளும், 508 வகை பறவைகளும், 176 வகை இருவாழ்விகள் (amphibians) உள்ளன.

கிழக்கு தொடர்ச்சி மலைகள் மேற்கு தொடர்ச்சி மலைகளைக் காட்டிலும் பழமை வாய்ந்தவையாகும். இத்தொடர்ச்சி மேற்குத் தொடர்ச்சி மலையைப் போன்று அவ்வளவு உயரமானதாகக் காணப்படவில்லை. சார்னோகைட் பாறைகள், கருங்கல் பாறைகள், உருமாறிய தகட்டுப்பாறையான கோண்டாலைட் மற்றும் படிக்கப்பாறைகள் கலந்து உருவான மலைத்தொடராக கிழக்கு தொடர்ச்சி மலைத்தொடர் காணப்படுகிறது. இம்மலைத்தொடர் முழுவதும் சுண்ணாம்புக்கல், பாக்கைட் மற்றும் இரும்புத்தாது போன்ற கனிமங்கள் காணப்படுகின்றன.

புவியின் மேலோட்டு பரிணாம வளர்ச்சியில் பண்டைய கால பாறைக் குழுக்களுக்கிடையே உள்ள இடைவெளியைப் பிரதிபலிக்கும் முக்கியத்துவம் கொண்ட திருப்பதி மலைக்குன்றுகள், கிழக்கு தொடர்ச்சி மலையில் உள்ளன.

முடிவுரை:-

மலையைப் பற்றி எழுத மலையளவு செய்திகளுண்டு அவற்றுள் சிலவற்றை இக்கட்டுரையில் கண்டோம். உச்சி தொடும் ஆசையில் முன்செல்லும் நாம், அடைந்த தொலைவிலிருந்து கடந்த தூரத்தையும், கடக்க வேண்டிய எல்லைகளையும் கற்றுத்தரும் மலைகளிடமிருந்து கற்க வேண்டிய பாடங்கள் எவ்வளவோ உள்ளன.

"गुणवंत महाराष्ट्र"

-निकिता शिंदे, स्वप्नील जोशी

Virtuous Maharashtra

Nikita Shinde, Swapnil Joshi

This article talks about some of the eminent personalities of Maharashtra and their contributions towards Maharashtra and India

"बहु असोत सुंदर संपन्न की महा
प्रिय अमुचा एक महाराष्ट्र देश हा"

-श्रीपादकृष्ण कोल्हटकर

महाराष्ट्र आणि महाराष्ट्राची मायबोली- मराठी यांचा इतिहास ७०० वर्षांहून अधिक जुना आहे. संस्कृत आणि प्राकृत भाषांमधून उगम पावलेली ही मायबोली मराठी "अमृतातही पैजा जिंके". संत ज्ञानेश्वरांच्या ह्या ओळी मराठी भाषेचे अगदी अचूक वर्णन करतात. महाराष्ट्राला लाभलेली संतपरंपरा देखील ह्या मायबोली इतकीच जुनी आहे. तेराव्या शतकात मराठी भाषेला एक असामान्य संतकवी आणि असामान्य मराठी साहित्य लाभले. ते संतकवी म्हणजे "संत ज्ञानेश्वर". वयाच्या अवघ्या सोळाव्या वर्षी त्यांनी " भावार्थ दीपिका " अर्थात "ज्ञानेश्वरी" लिहिली . संत ज्ञानेश्वरांची परंपरा पुढे चालवत अनेक संत, महापुरुषांनी साहित्य संपदा समृद्ध केली व महाराष्ट्राला एक आध्यात्मिक बैठक दिली. संत नामदेव, संत तुकाराम, रामदास स्वामी ही त्याच परंपरेतली काही संत मंडळी.

तशीच अजून एका महापुरुषाने महाराष्ट्राला शौर्याची व पराक्रमाची प्रेरणा दिली. असे हे श्रीमंत योगी म्हणजे छत्रपती शिवाजी महाराज . अशा ह्या पवित्र वैभवसंपूर्ण मातीत स्वराज्याचे बीज पेरले गेले,फळाला आले.अशा या वीराला "एक निर्विवाद सिंहपुरुष", "रयतेचा राजा" असेही संबोधले जाते. इथे अनेक अनामी वीर लढले आणि स्वराज्यासाठी धारातीर्थी पडले.

छत्रपतींचा वारसा पुढे पेशव्यांनी चालू ठेवला. बाळाजी विश्वनाथ, बाजीराव पेशवे, माधवराव पेशवे, सदाशिवराव, रघुनाथराव इत्यादी वीरांनी मराठी साम्राज्य अटकेपार नेले.

त्यानंतरच्या पारतंत्र्याच्या अंधारात स्वातंत्र्याचा नंदादीप लावणाऱ्या महात्मा ज्योतिबा फुले, सावित्रीबाई फुले, लोकमान्य बाल गंगाधर टिळक, स्वातंत्र्यवीर विनायक दामोदर सावरकर, सानेगुरुजी इत्यादी स्वातंत्र्यवीरांनी हसत हसत आपले जीवन स्वातंत्र्यासाठी व्यतीत केले. भारताच्या संविधानाचा पाया रचणारे डॉ. बाबासाहेब आंबेडकरही महाराष्ट्राचेच.

जितका रंजक इतिहास महाराष्ट्राला लाभला आहे तितकाच निसर्गही वैविध्यपूर्ण ! ७२० कि.मी. लाभलेली अरबी समुद्राची किनारपट्टी महाराष्ट्र राज्याला परिपूर्ण करते. कोकण किनारा,समुद्र,सह्याद्री पर्वत,घनदाट अरण्ये इथली जीवनसृष्टी विविधतेने नटलेली आहे. दुनियेला वेड लावणारा " हापूस आंबा" देखील महाराष्ट्राचाच!

असा हा कणखर महाराष्ट्र कलावंतांचा देखील देश आहे. अलीकडच्या काळात महाराष्ट्राला अनेक उत्तम गुणवंत कलाकार लाभले .पंडित विष्णू दिगंबर पलुस्कर, पंडित भातखंडे, भारतरत्न पंडित भीमसेन जोशी यांनी तर भारतीय संगीताला नवीन दिशा दिली. तसेच पु.ल.देशपांडे, ग. दि.माडगूळकर, सुधीर फडके हे त्यापैकी काही कलाकार. ग.दि.माडगूळकर म्हणजेच "आधुनिक वाल्मिकी" यांनी रचलेले गीत रामायण आजही घराघरात ऐकले जाते. असा हा आपला महाराष्ट्र कलागुणांनी, पराक्रमांनी, शौर्याने संपन्न असलेला देश आहे.

अशा या मातृभूमीसाठी :

॥ लखलख चंदेरी तेजाची न्यारी दुनिया
झळाळती कोटी ज्योती ह्या ॥



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भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, तिरुपति

