



SAHYADRI
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Sahyadri *Springs* E-Magazine

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The heartbeat of the Universe

To be an Indian

Women of the Night

My Inspiration



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From the Editors' Desk

After completing one year of successfully publishing five issues of our college E-magazine under the faculty leadership, the sixth issue of Sahyadri Springs saw a change as the students joined the Board of Editors. In this the seventh issue, we have introduced a review section which includes a movie and a book review. This issue brings out the writing and artistic skills of the students through poems, articles, and paintings.

We express our gratitude to the management and faculty members for giving us an opportunity to be a part of the E-magazine. We proffer our thanks to everyone who has worked hard to put this issue of Sahyadri Springs together.

We welcome your suggestions and feedback.
Write to us at emagazine@sahyadri.edu.in



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Karthik Ramakrishnan
Semester II

“What if everything in this universe has life, but not life as we know it?”

The heartbeat of the Universe

It is not often that we come across a logical explanation for abstract queries. Life – abstract because it is, first of all, relative. An unconscious person looks dead to me. Secondly, it cannot be measured. Is the tree outside more alive than I am?

Thirdly, life cannot be quantified. What is the unit of life? Let me pose some questions relating to life, before presenting my explanation.

1. What exactly is life? Is it energy? Mass? Mass and energy? Ability to die? Ability to reproduce and evolve? Or is it, as some pious gentlemen may say, a search for God?
2. What is that special ingredient which imparts life to a cell?

A cell is composed mainly of carbon, hydrogen, oxygen, potassium, nitrogen, and water. These compounds are found even in “non-living” objects. So how do they make a “living” cell?

3. How is it that, biologists say that, a cell wall is non-living while a cell membrane is living?
4. My school level biology text book described ten characteristics of a living being. So if I build a machine which performs those ten operations, does it actually live? Do I become God?
5. What if everything in this universe has life, but not life as we know it? This is the very basis of my thesis - matter in every form has life.

The Beginning...

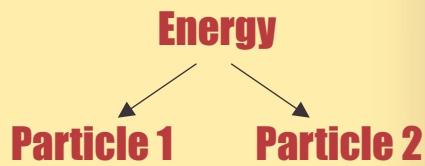
Rewind back zillions and trillions of centuries, to the beginning of the universe. At that point, if I had an observer or camera, I would have seen (or heard from the observer) that there was only energy, no mass, but pure vacuum.

Energy remarks to itself, “I don't have any meaning! I just keep radiating everywhere in complete nothingness! I have no companion either! What if I create one?”

Einstein's relation is proof that matter was born out of energy.

$$E=mc^2 \quad m=E/c^2$$

Hence, matter in its simplest form was born. It may be a quark or something else, it does not matter. The energy now manifested itself in this particle matter. But very soon they got bored of each other, so energy created another particle. Now these three interacted and formed a shape like this one:



But since particles 1 and 2 did not interact, they did not form a complete triangle. If energy had to make them interact, it had to impart some property to either of them by means of which they would exert some phenomenon on each other. Energy imparted charge to them. One was positive and the other negative. Now there was an interaction between them and that interaction was electricity. Simultaneously, energy created more particles and made them interact, and when they did, they formed a third entity and energy got a new companion who was more complex than its constituents.

Eventually, the three best friends of energy were born by the interaction between smaller units- Electricity (by interaction of charges), Magnetism (by interaction of magnetic poles), and Gravitation (by the interaction of masses) - all three obey the inverse square law.

Whenever the particles interacted in an orderly manner in the presence of energy, a new friend, more complex, was born. When an electron, proton and a neutron were made to interact in an oriented manner by energy; an atom was created- a milestone in energy's creations. When atoms interacted molecules were formed. From molecules, complex bio-molecules emerged. Then cells; then organs; then organisms; ecosystems; and presently, the whole universe was created in this manner.

This clearly implies that every object of the universe has life, but at varying levels of complexity. The new level of complexity is born out of interactions between the entities at the lower level.

LIFE: It is the phenomenon of oriented interactions between simple entities which results in net increase of complexity, in the presence of energy.

Looking at life in this manner could answer a lot of philosophical questions scientifically - rebirth, destiny, the soul, the Almighty, etc. Also, evolution, extinction, life, and death can be measured and plotted on a graph. This is the basis of my thesis. Philosophy and science are related in many unknown ways. My vision is to bind them in a single unified study.

Suggestions and participation are welcome.

The perks of teenage life

Being a young adult is the best part of life. It's the time when friends mean the world, exams mean war, and results mean doomsday.

Being young, we possess a lot of energy and enthusiasm, but the best part is, the power we have (and I don't mean the way you irritate your siblings) and responsibilities to keep up too.

During adolescence, we are in a confused state. A lot of aggression, emotion, and complexities might build up in us. But in the process of attaining adulthood, we tend to dilute those negative feelings, though patches of it still remain.

A major feeling that all of us experience is infatuation. The very thought of being loved by the opposite gender gives us goose bumps! These feelings once sprouted are difficult to uproot, but not impossible. Having a 'crush' (as we call it these days) is natural. But making sure that it does not crush our lives is our responsibility.

Another important thing about being a teenager is that our actions, irrespective of whether they are good or bad, will not go unnoticed. So grabbing the opportunities that come our way and achieving our dreams will surely make this stage productive.



Our parents, who would otherwise impose so much control over us, seem to loosen their clutches. Our suggestions, which were ignored in the name of our age, will be taken into consideration. Thus, we start enjoying the freedom and the respect given to us.

Adolescence tends to teach us and stresses that friends are really important. It makes a striking point on the importance of being attractive and attracting others. In order to be accepted by our peers we tend to change our habits, our interests, and our lifestyle in general.

As young adults, we must make the most of this golden age and contribute to the betterment of the society.



Ranjithram M S
Semester II, 'C'

To be an Indian

Isn't it amazing, to hear

**"INDIA IS A DEVELOPING COUNTRY" and
"IT'S THE TIME OF THE YOUTH OF INDIA"?**

We are told that the youth of India have a lot of power in their hands. Tell me, do you know any youth leader, who was backed by the youth, has survived and hasn't been swallowed by the political drama of India?

India is our country, but not our property. We have the responsibility to bring India to the potential it has. And fast.

The youth must be taught how to support the truth and realize what is right and not what the people believe is right.

Firstly, the youth have to choose the right leaders to rule the country. Secondly, the youth should leave all their laziness behind and start working and visualizing a developed India and make it a reality.

The youth can make an effort by saying no to all the foreign products and hence Indian products will be in demand and our country can move forward.

The worst problem India faces today is hunger and poverty. There are thousands of children, infants, mothers, old people, etc., who go to bed hungry. The youth can collect money or maybe even food and see to it that it reaches the hands of the right NGOs and hence reach the hungry.

Education is necessary if a country has to be considered a developed one. Free education should be imparted to the poor children and the youth can conduct classes for the children and not expect anything in return.

Youth can start saying no to luxury and use public transport and hence make our country less polluted

It is the dream of every Indian to see India's name first on the list of the developed countries. This dream can be made into a reality by you and me, the youth of India, because of the power we hold in our hands.

We may not be able to change the world, but we may be able to change the people who live in it. Be the change. Be the difference that makes a difference. Jai Hind!

Smitha Sequiera

Semester II, 'C'



Panchami Pradeep

Semester IV, CS



Women of the Night

Night roads fade in the background
As she trudges up in the rain covered floor
Leaving behind a trail of memories lost
Unworthy to be remembered, she fades unknown.

Then comes the time, of plastered smiles
Perfumed oils and to paint her face
Pretending for a love that can never be
She'd dress up and make believe.

Loads of women taken
The nights' never safe
And yet it is always
The women who take blame.

Unprotected and destitute
Famished but brave;
How is it society can favour the street mongrels
But never treat women the same?

Outcast by the very people, who had sworn,
Pained and hurt until her heart is stone,
The burden passed to her daughters
Forever cursing home.

Yet we turn a blind eye
And bar down our windows
To deafen the dreadful plight
Of the women of the night.

My Inspiration

You are my inspiration,
Not an infatuation,
That is others' reaction
To our relation.

With you, my inspiration,
It's not just my heart's fluctuation
That brings the sensation
To get you is my aspiration.

It is that, my inspiration
You are my respiration
For every breath of my inhalation
That fills my mind with excitation.

It is you my inspiration,
Which fills my world and nation,
With you in every view of inclination.
It's not just a verbal complication.

It is that, someone special is my inspiration.

Siddharth

Semester VI, Mech



Review

Movie Review

CHASHME BADDOR (2013)

“Chashme Baddoor is a laugh riot with some hilarious moments”

Director:

David Dhawan proves once again that he is a master in comedy film making.”

Critic Rating: - 3/5

Business Rating: 3.5/5

Pluses: Dibyendu shines and shines big time, Siddharth is good, Ali Zafar was decent and the director lifts the film to a different level.

Minuses: Unnecessary songs; Taapsee Pannu was average.

Detailed Analysis: David Dhawan ruled the 90's with his brand of slapstick comedy but faded after the turn of a new century. For a change, this time he casts relatively young faces and tries to remake a cult comic flick of 80's with the same name. The film has an almost similar plot to the original but with a typical David Dhawan style. Boys are a little over the top and girls are average.

Rishi Kapoor plays a character of a Goan caricature with witty one liners and tattoos all over his body.

The plot is similar but fabulous dialogues with one liners by Sajid-Farhan and some interesting incidents in the second half gives this not-so-creative remake a lift.

In terms of performances, Dibyendu Sharma clearly outshines the rest. This is his second movie and there is a vast improvement in his performance.

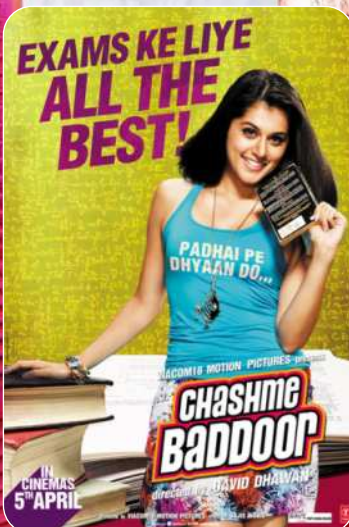
Siddharth, despite being a south Indian actor, is clear with his Hindi accent and fits into his role quite well.

After performing in three films so far, Ali Zafar has shown a better performance comparatively.

Tapsee Pannu was an average actress as a debutant. She has a very bubbly and “modern-day-girl” kind of a role, to which she does justice. The film is a must watch for youth, all over the country.

Verdict: Watch it for fresh young comic moments. Go for it, laugh out loud!

Rishith Ghetia
Semester IV, Civil



Book Review

Name: THE OATH OF VAYUPUTRAS

Rating: 3.5/5

Author: Amish Tripathi

Review: Har Har Mahadev!

This book is the third and the final book of the Shiva trilogy.

Author Amish Tripathi with his trilogy turns God into one of us- a simple human being, who chills with his friends, flirts with his wife, and loses his temper.

The book begins where the second installment of the trilogy ends and gives a fantastic climax to the trilogy.

The book is twice as long as the first two volumes; looks like the author was in no mood to stop writing. As a result it makes the book slightly slow paced and not as exciting as the previous two books.

Amish as before, has done an awesome job. His knowledge of history of Hindu mythology has worked for him.

Shiva finally comes to know the real 'EVIL.' The book is all about destroying the evil and the difficulties faced by the Neelakanth in doing so.

The plot reveals all the closed cards on the table, and ties the loose ends of the previous books.

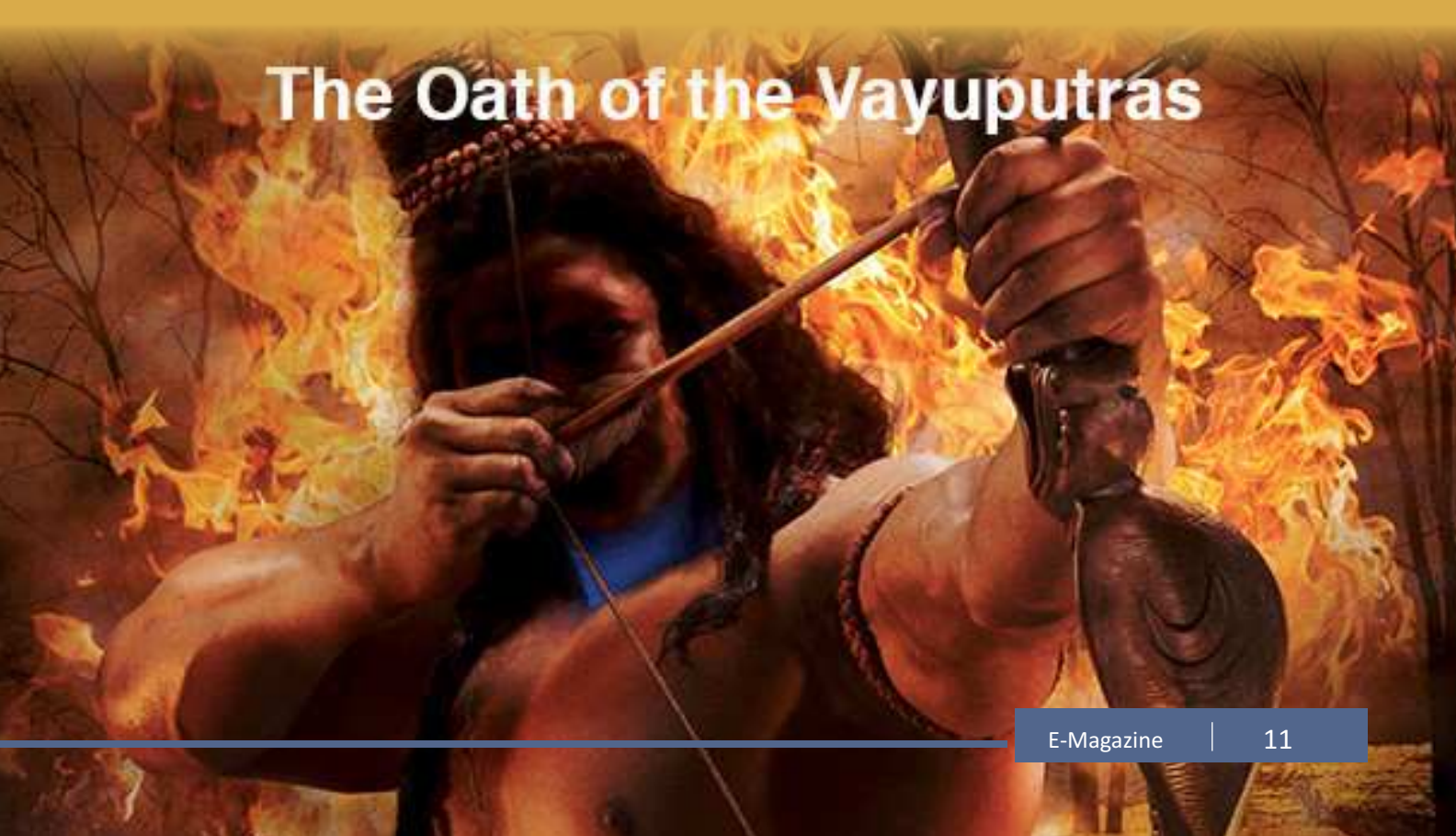
All the characters of the previous books play an important part in the twists and turns.

Amish succeeds in giving readers the twists which gives them the goose bumps and turns the story upside down. Amish proves yet again that he is a master story teller. His grip is steady throughout; narrating only those facts that he wants the readers to grasp and leaves clear clues for the reader to unravel the mystery.

The War has the reader's undivided attention, giving the trilogy an end it deserves.

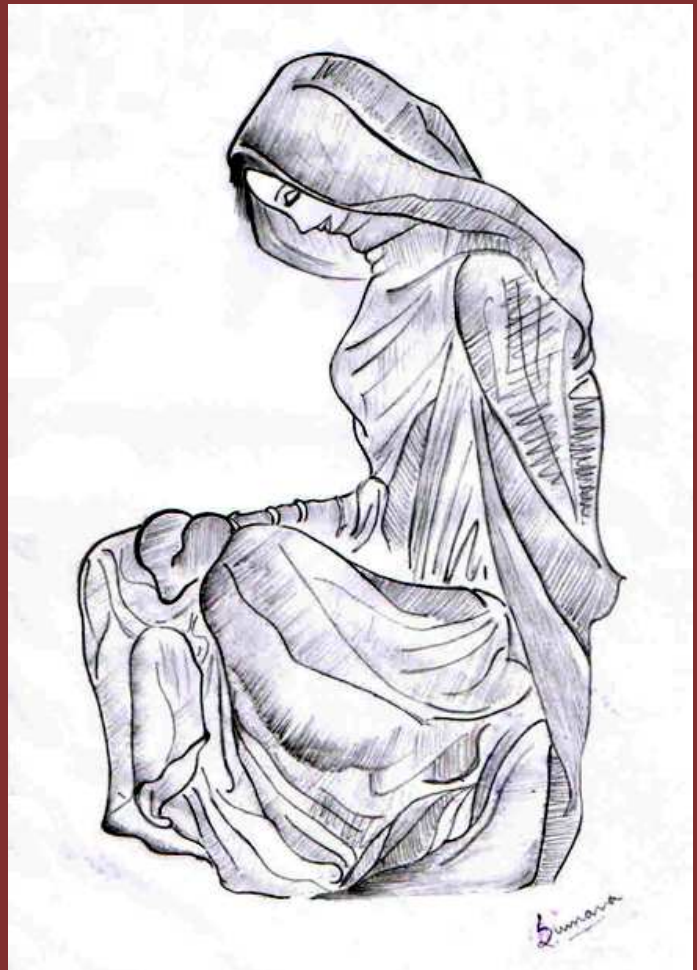
Overall, the book is a good read, apart from a few unimportant events and characters which slow down the pace of the story and adds to the thickness of the book.

The Oath of the Vayuputras



Painting by

Sumana Shastry
Semester IV, EC



Abstract Painting by



Protyush
Semester IV, Mech



Guidelines for Submitting Articles

We invite the following for publication in 'Sahyadri Springs,' the College e-Magazine:

- Articles not exceeding more than 2000 words on general concepts expressing your thoughts, views, and your experiences.
- Poems in not more than 500 words.
- Short Stories not exceeding more than 1500 words.
- Photo messages with captured images giving appropriate quotes. Please ensure the soft copy is sent to us through e-mail.
- Paintings/Sketches made by Water Color/Sketcher/Crayon/Charcoal.
- Full-length reviews of books; fiction and non-fiction that will help the reader gather the information they seek, to determine if the book is worth their time.

A soft copy of your manuscript for publication prepared in the standard format must be submitted to the office of the editor for peer review. Don't forget to mention the title, your name, semester, and class. Incomplete submissions will be rejected. Plagiarism will not be accepted. Please feel free to contact the Editor or Co-editor for any clarification.

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Carving the Future of Young Minds

