



11th Edition

October-December 2023



अर्थपर

Forging Tomorrow's Idea

**An effort by the Department of Economics,
Cotton University**

FOREWORD

It's that time of the year when our minds require a rewind of all our achievements and failures throughout the year to plan a new resolutions. It is indeed a matter of pride that Artha-Patra completed two successful years of its publication. With the selfless efforts of the editorial team and all contributors, the 11th edition is hereby presented.

I congratulate the entire team for their endeavour. Christmas and New Year greetings to all.



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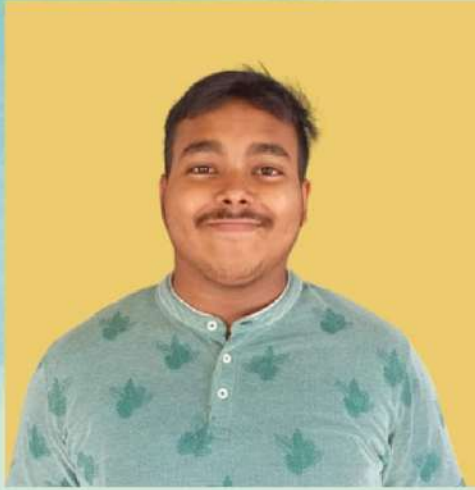


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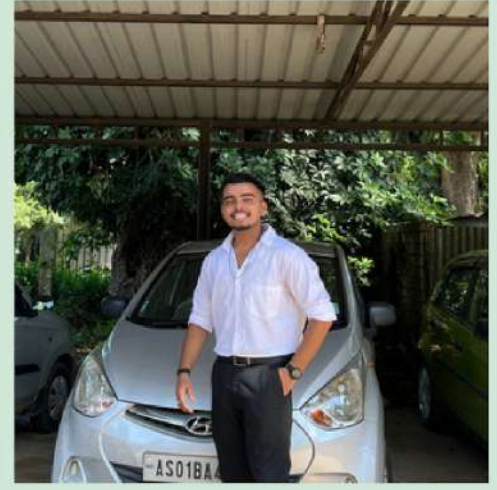
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PAYING TRIBUTE



M. S. Swaminathan

Fater of Green Revolution in India

(07/08/1925 - 28/09/2023)

An era of agricultural research, education, and extension marked by disruptive innovations has come to an end with the death of M.S. Swaminathan.

Mankombu Sambasivan Swaminathan, renowned agricultural scientist and the driving force behind the nation's "Green Revolution", passed away in Chennai on September 28 at the age of 98.

We, pay immense tribute to MS Swaminathan for his vivid role in ensuring food security and thus transforming Indian Economy

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CHIRAG SOMANI

THE ONGOING WAR BETWEEN ISRAEL & HAMMAS

IZZA SAIME SAHARIAH

Energy Conservation Towards 'Net Zero' : Conservation of Petroleum Products for Sustainable Development

Since the industrial revolution, energy usage has been increasing at a massive scale and its environmental impact have been devastating. The global community is facing the problems of drastic changes in climate and ecology as well as environmental degradation. To deal with this situation people are opting for energy conservation.

“

"A nation that cannot control its energy sources . cannot control its future."

-Barak Obama

”

Energy Conservation is one of the important aspects of sustainable development. 'Net-Zero' is one of such goals. It refers to cutting greenhouse gas emissions to the zero level or absorption and removal of the excess greenhouse gases from the atmosphere. Numerous countries, cities, businesses and other institutions are coming together to achieve this goal by 2050.

Development of a country depends largely on the judicious usage of petroleum and other resources. Petroleum is often referred to as 'Liquid Gold'. However this precious resource is very limited and it takes millions of years for its formation. It has been observed that at current level of consumption, the known reserves of petroleum in India will last only for 30-40 years.

Various measures can be adopted for conservation of petroleum products which in turn will help in achieving the goal of sustainable development. We can save a large amount of petroleum and reduce carbon emissions by turning off the engine when not in use, ensuring regular and timely servicing of vehicles. Promoting the use of electric vehicle can help to reduce the consumption of petroleum. Whenever possible public transportation facilities should be preferred to private vehicles. For cooking purposes, pressure cookers can be used as it requires less time for cooking to be done and thus save LPG (Liquified Petroleum Gas). Biogas, hydrogen, ethanol and natural gas can be used as alternatives to petrol. There must be continuous efforts to find out more such alternatives.

Due to over usage of petroleum for various purposes, on the one hand, its reserves are over exploited and on the other, greenhouse gas emissions are increasing which leads to severe problems like global warming and extreme weather conditions. Therefore, it is the high time for the global community to initiate actions for its conservation. We should pledge to nurture the nature and its resources to leave a clean, green and healthy earth for our future generation.

~Snehlin Sultana
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Tayloronomics: Impact of Taylor Swift on the Global Economy

Taylor Swift, the American Singer- songwriter started her Eras Tour in March 2023 which she described as a journey through all of her musical eras. It is her most expansive tour with 151 shows across five continents. The Wall Street Journal coined the term "Tayloronomics" to explain the economics involved in and around the Eras Tour.

The 34-year-old American superstar is not only smashing music industry records with her Eras tour, but also boosting the economy and getting involved in new labour compensation expectations.

The Eras Tour is projected to generate close to \$5 billion in consumer spending in the United States alone. If Taylor Swift were an economy, she'd be bigger than 50 countries. Typically, every \$100 spent on live performances generates an estimated \$300 in ancillary local spending on things like hotels, food and transportation. But for the Eras Tour, Swifties are taking this to the next level, dropping an estimated \$1,300-\$1,500 on things like outfits and costumes, merchandise, dining, and travel—boosting local economies by hundreds of millions of dollars in one weekend.

On average, almost 54,000 fans attended each concert on the first American leg of the tour. The average ticket price fans paid on Ticketmaster was \$254, while resale prices soared to thousands and tens thousands of dollars. In countries like Malaysia, Indonesia, Thailand & Vietnam the applications of credit card increase by 45% for the purchase of the tickets. World leaders like Gabriel Boric and Justin Trudeau openly requested Taylor to bring her tour to their countries.

Additionally Swift dropped her Eras Tour Movie for those who were unable to attend her live concerts. In India the movie was released on November 3rd and we Indian Swifties didn't hold back, over 25,000 tickets were sold for opening day all over the country. The Eras Tour film, reported CNBC, is the highest-grossing domestic and global concert film release of all time.

Recently Swift gained the billionaire status, solely from the sell of her music. She was even given the title of The Global Artist of the year by Spotify as her songs showed a spike of 80%. She was even named as the Apple's Artist of the Year. One of the most renowned University, Harvard University is providing a course on the way of living of Taylor Swift. Thus we can say that 2023 was the Taylor Swift year.



~Chirag Somani
UG 5th Semester
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THE ONGOING WAR BETWEEN ISRAEL & HAMMAS

7th October 2023, Simchat Torah a Jewish holiday that celebrates the marks the conclusion of the annual cycle of public Torah readings and the beginning of a new cycle. On the same day Hamas, a militant extremist group which operates from Gaza strip launched 5000 rockets on Israel where 1200 Israelis killed, mostly civilians and seizing 240 hostages. This attack has been the deadliest terror attack in Israel history. After the sudden attack, Israeli Prime Minister Benjamin Netanyahu declared a "State of War" against Hamas in Gaza strip and name it as "Operation Iron Swords". They deployed their navy, airforce and ground forces. Israeli govt imposed complete blockade in Gaza borders denied food, water, medicine and electricity supply in the region.

Heavy bombardment and airstrikes begun in northern part of Gaza and people had to flee from their homes towards the southern Gaza. Homes, schools, mosques and hospital have been destroyed for indiscriminate bombing; people are died due to shortage of food, water and hospitals have running out of power. Over a month after Hamas's surprise attack, on 22nd November the Hamas and Israel both the sides closed in on a truce. Qatar played an important role as truce negotiator. Negotiations centered on Hamas releasing 50 women and children held hostage in exchange for roughly 150 Palestinian women and teenagers held in Israeli prisons - and pausing hostilities for several days but the war resumed, intensifying in the southern part of Gaza and the bloody war still continuing till today. As per the data nearly 20,000 Palestinians have been killed where half of them are children and more than 1.7 Million people were displaced in the region.

The war has caused devastating damage to Gaza's infrastructure and economy. The war has resulted in upheaval and destruction on a scale never before seen in the enclave. The United Nations Office for the Coordination of Humanitarian Affairs (OCHA) reported that over 41,000 homes were destroyed and over 222,000 were damaged. The war also badly affected hospitals, schools, water and sanitation systems, and food security. The war caused significant job losses

in Gaza. On the other hand, the war is costing the Israeli economy \$600m a week due to work absences, according to the Bank of Israel. On the other hand, Israel's treasury minister said the daily direct cost of the Gaza war to her country is about \$246 million. Moreover, Israeli Govt had to intervene in forex market to save its currency "Shekel" from depreciation.

The economic cost of the Israel-Hamas war in Gaza on Arab neighbours Lebanon, Egypt and Jordan could rise to at least \$10 billion this year and push more than 230,000 people into poverty, according to a U.N. study. The war has come as the three Arab countries face a struggle with fiscal pressures, slow growth and steep unemployment.

The brand boycott was a notable aspect of the war's economic implications. Brand boycotts impacted companies like McDonald's, Coca-Cola, Starbucks, and Puma, reflecting public anger over Western support for Israel. Starbucks, in particular, lost 10% of its market value. Zara faced criticism for an insensitive marketing campaign "The Jacket".

The conflict has the potential to push the global economy into recession. War could have significant repercussions on economic landscape, impacting it through reduced regional commerce, stricter financial regulations, escalated energy costs, and diminished consumer assurance.

The conflict between Israel-Palestine have been decade long unsolved issue. The international community must unite to facilitate diplomatic solutions, address the humanitarian crisis, and work towards stability in the region to prevent further tragedy and foster a path towards lasting peace.

~Izza Saime Sahariah
UG 1st Semester
Department of Economics
Cotton University

DEPARTMENTAL ACTIVITIES



FEATURES....

1. ECO BIOME: New Environmental Calender of the Department of Economics
2. Abhivyakti 2.0
3. Orientation Program by Sriparna B. B
4. Extension Service of the Department- Careers in Economics

ECO BIOME: New Environmental Calender of the Department of Economics

ECO BIOME is the Annual Environmental Calender by the Department of Economics. Poster Making Competition was the first event organised under this. The topic of the competition was, "One Earth, One Family, One Future". Submissions were given by students across all the semesters. The Prize Distribution Ceremony was organised on 23rd November, 2023 in the Departmental Library.

On that day firstly Daisy Ma'am addressed the ceremony and then the name of the Calendar was inaugurated. Then the certificates and prizes were distributed; first to the position holders and then to the participating members. The position holders were:

- 1st : Prashant Das, PG 3rd Semester
- 2nd: Upaasana Saikia, UG 3rd Semester
- 3rd: Richita Basumatary, PG 1st Semester

All the participants elaborated their ideas behind the posters. Then Manisha Ma'am also gave a speech on the environment calender and further steps regarding maintenance of the yearly calender. At last Jyotsnakshi Ma'am concluded the program with a vote of thanks.



1st Position in Poster Making Competition



Prashant Kr. Das
PG 3rd Semester
Department of Economics
Cotton University

Abhivyakti 2.0

On November 16, 2023, the Department of Economics at Cotton University hosted the yearly event, which is organised by Artha-Patra, an online magazine. An annual celebration known as Abhivyakti is held to honour Artha-Patra's yearly anniversary. Under this, several competitions are held. The contests this time were Poster Making, Extempore Speech, and Micro Tale Writing. The two other events were held on the spot, whereas the poster-making contest was a submission event. Micro Tale took place in BKB Room No. 103 at 10:00 AM, and Extempore Speech took place in the Departmental Library of Economics Department at 10:30 AM. Dr. Merry Baruah Ma'am and Dr. Sayanika Dutta Ma'am judged the Extempore portion, and Dr. Payal Jain Ma'am and Kakoli Dutta Ma'am judged the Micro Tale. The Prize distribution Ceremony started at 1:00 AM in BKB Room No. 106 with a Speech by Tanushree Ma'am. Manisha Ma'am, Head of Department, Department of Economics, and Sehnaz Ma'am, Associate Professor, Department of Economics, presented the prizes. The following were the results of the events:

Micro Tale Competition:

1st Position: Bidisha P Kashyap, PG 1st Sem, History Department

2nd Position: Palash Choudhary, UG 1st Sem, Physics Department

3rd Position: Sharbani Dev, UG 1st Sem, Pol. science Department

Extempore Speech:

1st Position: Debanit Dutta, UG 5th Sem, Economics Department

2nd Position: Arghya Saha, UG 1st Sem, MCJ Department

3rd Position: Ankita Sarmah Bordoloi, UG 3rd Sem, English Department

Poster Making:

1st Position: Adrita Oja, UG 1st Semester, Mathematics Department

2nd Position: Debaleena Paul, UG 3rd Semester, Economics Department

At the end of the programme, HoD ma'am congratulated all the winners and wished all the participants a very best for their future. She further shared important insights on how these events add to a student's self-growth.



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Orientation Program

On 17th November, 2023 an orientation program was organised by the Department of Economics in collaboration with Business and Finance Society on Entrepreneurship and Startup. Sriparna B Baruah Ma'am who is the retired Director i/c Indian Institute of Entrepreneurship and Advisor NEHHDC (Livelihoods and Entrepreneurship) was the Speaker. The program started at 3 O'clock at MCB Conference Room.

Ma'am was given a warm welcome by everyone. Smriti Shil started the program with a brief introduction of ma'am which was followed by felicitation by Chirag Somani. Ma'am shared many knowledgeable things about entrepreneurship and startup with the help of a presentation. It was followed by a Q&A session where ma'am answered various doubts that we had in our mind. Lastly a vote of thanks was given by Indrani Boro, President, Business and Finance Society to conclude the program.



Extension Service of the Department- Careers in Economics

On the morning of November 23rd, a group of five selected students representing our dept undertaken a extension service to a Govt school. The main agenda was to enlighten the students about the "Career Prospects in Economics".

On the arrival at the school the team was warmly welcomed by the school's faculty and they headed the team towards a classroom where the students from both 11th and 12th grade were present. Before the session the team had a brief of how to represent the topic in front of students and gradually they adapted to the environment. The extension service began with SN Sir & SB Ma'am, delivering a small overview of the whole programme. Subsequently, each member of the team delivered their part of speech covering various aspects such as academics, job opportunities, day-to-day life scenarios etc.

The team was also delighted by the hospitality of the school for providing them with snacks. As the programme neared to the end part, emphasis was given more on the competitiveness of the external world, motivating the students to strive for excellence and go for an extra mile to achieve success.

At the end the team had a small brunch with our teachers and had a conversation about the lacuna present in the education system at the grassroots level. The gap must be addressed by the concern authorities to take necessary measures. This would help trajectory towards a Vikshit Bharat (Developed India) which is felt by all the people of India.



PHOTO STORY.....



FEATURES

- Kashmiri Das
- Chirag Somani



Kashmiri Das
PG 1st Semester
Department of Economics
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Chirag Somani
UG 5th Semester
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REVIEWS...



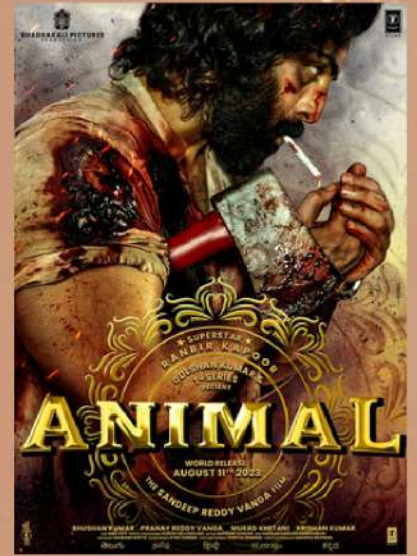
FEATURES

MOVIE REVIEW: ANIMAL
HARSHIT NATH

Movie Review: Animal

As the year 2023 draws to an end, there's no doubt that the recently released film "ANIMAL" has been a sensation and a hot topic among the cinephiles.

Let us dive into what makes "Animal" a cinematic brilliance. The ensemble cast delivers a performance of the highest caliber. Specially Ranbir Kapoor's ability to indulge himself completely into the character makes the film a visual treat. Bobby Deol too made a praiseworthy comeback in the big screens. The film has a gripping screenplay and touchy songs. Background score was the highlight.



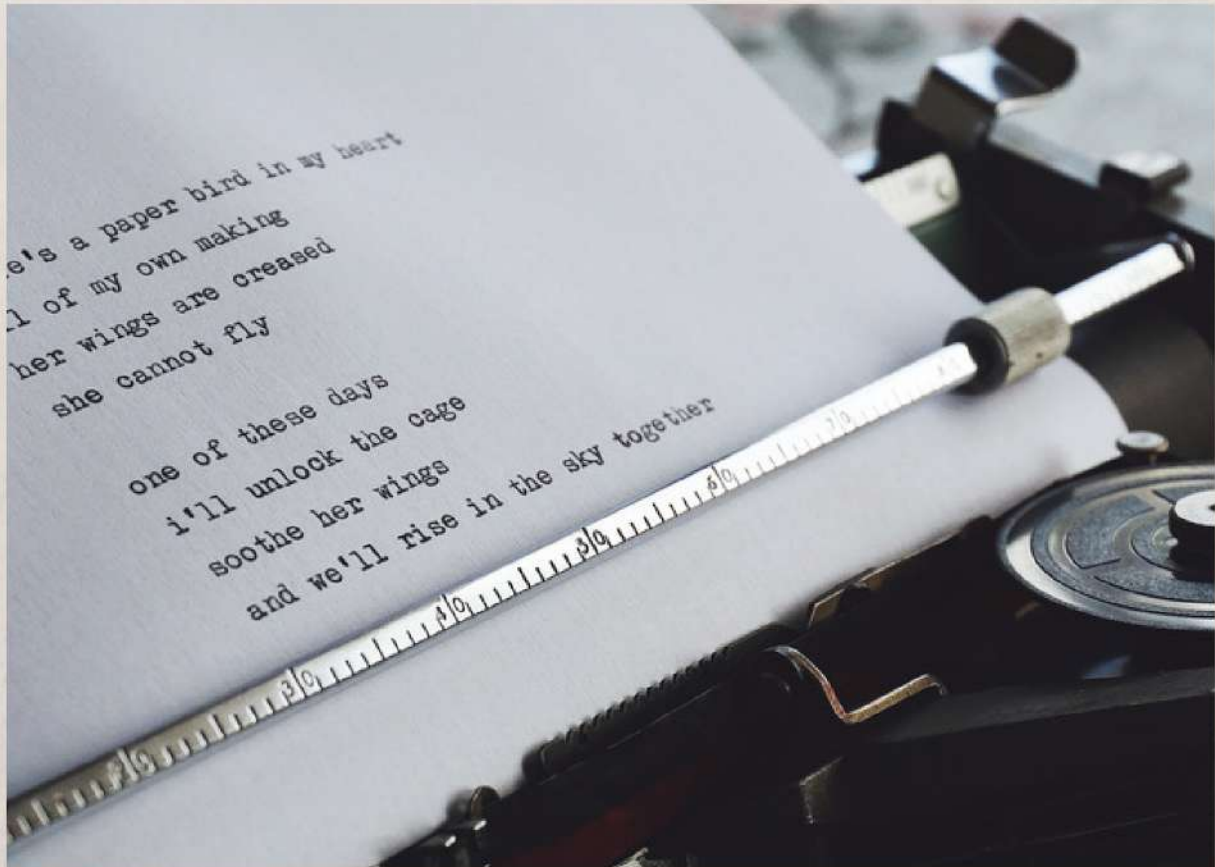
Coming to the storyline, S.R Vanga never shies away to show flawed characters with raw emotions and complexities. It's a story of a Man turned Animal who goes beyond all odds of violence and inhumanity just to get the desired love & validation from his father which he has been lacking throughout his whole life. The film is an emotional roller-coaster where the protagonist falls in love, cares for his family and eventually ends up hurting his loved ones due to his insane obsession towards his father. There are numerous jaw-dropping scenes such as:- the reunion of cousins for a cause, the interval block, Abrar's entry and so on. Though the film was 3hr 21 minutes long, it keeps the viewers engaged till the end. There are some scenes of intimacy, violence and toxic masculinity in the film. So this movie is surely not for the faint-hearted and sensitive audience.

There are justifiable criticisms that a film like Animal is regressive and can have a negative impact on the psychological and behavioural side of the country's uneducated youth.

However in the conclusion I would say that the film should not always be taken as a source of moral conscience as it is primarily a source of entertainment. Indian audience should be more mature enough to consume films as an imaginary vision so that upcoming directors and writers can gather the courage to come up with more diverse creations and genres.

~Harshit Nath
UG Batch 2020-23

RIME.....



FEATURES

I'M HERE FOREVER

CHIRAG SOMANI

SHE WHO I ADMIRE

URMILITA TAMULY



I'm here forever



**All the time when I said;
I wasn't there, I was there,
I never left you alone,
As I was always there:
In the smell of the rain,
In the midst of the clouds,
In every mural in the city,
In the noise of the crowds,
In the colours of the sky,
In the hues of the sunsets,
In every shape of moon,
In every place we went,
All this time I was there
With you, Taking care,
and Protecting you.**

~Chirag Somani
UG 5th Semester
Department of Economics
Cotton University



She who I admire



A mellow melody
A symphony so sore
A flower of equinox,
A bloom of Primrose
A universe I see
I see the blood, the flesh
My eyes blinded by the light,
My chest in unrest.
Unrest in my cries,
So shrill, so sad!
To a bosom they guide,
She holds me to her breast.
I savour her mannah,
I savour her cries,
I savour her warmth,
I savour her smiles.

Dawns and dusks break
Time goes by
Now I feel a little taller
As my legs she guides
Now I leave the bosom,
I walk without a guide
Like a bird leaving nest
I aim for the sky
A sky too big,
Too bleak in hindsight
Her words of caution,
Do I rebel or abide?
Made deals with the devils,
Not heeding her cries
Mocked the clip wings
Of the caged oscine





While being caged,
She wanted to watch me fly
Drenched in the stroms,
And then did I realise.
The bird then flew back
Before the sun did hide
The nest was still cozy,
With warmth, with life
Who other then her,
Shall I admire?
The sun behind my moonlight,
The log behind my fire
Someday she'll leave,
Her warmth would stay
Oh mother! you I admire,
Oh mother! to you I pray....

**~Urmilita Tamuly
UG 5th Semester
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PALETTE.....



FEATURES

- ***Debaleena Paul***
- ***Nikita Kakati***
- ***Shruti Bharadwaj***
- ***Debolina Bordoloi***

2ND POSITION IN POSTER MAKING COMPETITION ON ABHIVYAKTI



Debaleena Paul
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Nikita Kakati
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Shruti Bharadwaj
PG 1st Semester
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Debolina Bordoloi
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1ST PRIZE WINNING MICRO TALE

TOPIC: YOUR CHILDHOOD

My mother always had a way with her words. She used to make grief sit in between hope and hurt, so that whenever she told us stories the ships would always find her shore and the soldiers would run back to their homes. She would tell us how every fleeting thing is always in need of more prayers and mourning; like the broken end of a finger nail that you chew off during a zoom call, the brave succulent on your father's desk, a week old apples coming back from their sound trip from the office and dog eased page of a book begging for one more finger print; my mother wrap her prayers in her love and warmth and throw them out to the stars until that night when I heard her whisper under her breath - " please stop the war" and watched another fist of rage and fire fall on the edge of the city. This was probably the twentieth star this summer that denied with her wish.

And that is the only when I realised that prayers are only beautiful until they have no god to run to.



~BIDISHA P. KASHYAP
PG 1ST SEMESTER
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The World in a Headline

GLOBAL

- **INDIA-RUSSIA** oil imports surged to a four month peak of 1.6 million barrels per day, up by 3.1% from October.
- **Global coal demand** likely to decline by 2.3% by 2026, energy agency predicts.
- **RUSSIA** to take over the BRICS Presidency from **SOUTH AFRICA**. The memberships of **IRAN, SAUDI ARABIA, UAE, ARGENTINA, EGYPT** and **ETHIOPIA** will take effect on 1 January 2024.
- **HUNGARY** blocks 50 billion euros of EU funding for **UKRAINE**.

National

- **India's exports** drop 2.83% in November; trade deficit narrows to \$20.58 billion.
- **Wholesale inflation** back in positive zone after 7 months, at 0.26% in November.
- **India's GDP growth rate** for the third quarter of 2023 was 7.6%.
- **Exports** dipped again in November, but trade deficit eases 31% from record high.

State

- **Assam** to get 6 new Ayush hospitals, 100 Ayush dispensaries, 200 Ayush Health & Wellness Centres soon.
- **Assam government** to provide financial aid to 2 lakh youth for creating entrepreneurial ecosystem in the state.
- **Purabi Dairy**, the largest dairy cooperative in Assam, has announced an additional milk procurement price of Rs 147.91 lakh for dairy farmers.
- **Pepsi-Co India** is investing Rs. 778 crore to establish a food manufacturing plant in Nalbari, Assam.
- **Assam** eyeing Rs 40,000 crore investment in semiconductor industry