



A.V.C. College of Engineering
ஏ.வி.சி. பொறியியல் கல்லூரி



NEWS LETTER

JULY – DECEMBER 2024

Department News

NEWS

**WORLD
NEWS**

STUDENT
CORNER



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STUDENT CORNER

WORLD NEWS

[Massive landslides hit Kerala's Wayanad district](#) in the early hours of July 30, which buried a large area under debris, killing at least 106 people and leaving scores injured. The death toll is likely to go up further given the number of people missing. Prime Minister Narendra Modi announced an ex-gratia of ₹2 lakh for the next of kin of the deceased in the landslides that hit Kerala's Wayanad. Picturesque hamlets known for their beauty — Mundakkai, Chooralmala, Attamala, and Noolpuzha — are now a picture of gloom after landslides hit the areas, cutting them off from other places. Vehicles washed away in floodwaters could be seen stuck in tree trunks and submerged here and there in many places.



Monsoon Session of Parliament, in New Delhi on July 22, 2024.

The [Indian economy has broadly caught up with pre-pandemic growth trends](#), averting any permanent losses in demand and output, and is likely to grow in the range of 6.5% to 7% this year with risks evenly balanced, as per the [Economic Survey for 2023-24 tabled today in parliament by Finance Minister Nirmala Sitharaman](#) ahead of the [Union budget](#) on Tuesday, which acknowledged challenges like inequality and job creation as key priorities. Arguing that structural reforms such as the GST and the Insolvency and Bankruptcy Code have matured and are delivering envisaged results, the Survey said the economy can grow at over 7% on a sustained basis in the medium term by building on the past decade's reforms, but this would need a "tripartite compact" between the Centre, States and the private sector.

Union Finance Minister Nirmala Sitharaman speaks in the Lok Sabha during the Monsoon Session of Parliament, in New Delhi on July 22, 2024.



- HALIMATHU SADIA H.A.
II- MBA (2023-25 Batch)

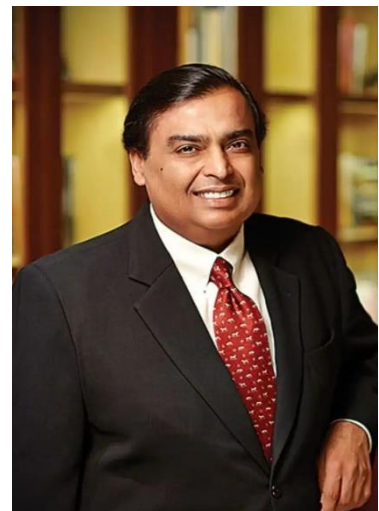
FORBES 2024: AMBANI LEADS, INDIA'S RICH HIT NEW HIGH

This year marks a milestone for India's wealthiest, as the collective wealth of top 100 richest Indians crossed \$1 trillion for the first time. Mukesh Ambani tops Forbes' 2024 List as India's richest

Mukesh Ambani, chairman and managing director of Reliance Industries, has once again secured top spot on Forbes' 2024 India's 100 richest tycoons, with his wealth increasing by \$27.5 over the past year. The collective wealth of the 100 richest went \$1 trillion for the first time.

Ambani's net worth now stands at \$119.5 billion, making him only India's richest individual but also the second-largest gainer dollar-terms globally in 2024. This places him as the 13th richest person in the world.

- SNEKA.S.M -II MBA
(2023-25 Batch)



list of
billion
past

not
in

INDIA GIVES PORTABLE HOSPITALS TO UKRAINE



Prime Minister Narendra Modi with the Ukrainian President Volodymyr Zelenskyy at the Mariinsky Palace, in Kyiv on August 23, 2024

After the meeting of Prime Minister Narendra Modi and Ukraine President Volodymyr Zelenskyy, External Affairs Minister S. Jaishankar [addressed a press conference](#) in Kyiv and called it a “landmark visit”. Mr. Jaishankar noted that it is the fourth meeting between the two leaders and added that “Leaders talked Inter-Governmental Commission (IGC) to build trade which has gone down in recent times.”

The presentation of the Bharat Health Initiative for Sahyog Hita and Maitri (BHISHM) cubes has been one of the key highlights of the ongoing visit of PM Modi to Ukraine. EAM S. Jaishankar said that [India has handed over 10 BHISHM cubes](#), which contain medical support equipment of 22 tonnes along with 10 generator sets. The BHISHM Cubes, also known as Arogya Maitri cubes, are critical trauma care cubes that have been indigenously developed by Project BHISHM under Project Aarogya Maitri.

- VIVEETHA.R
II – MBA (2023-25 Batch)

China to Build World's Largest Dam on Brahmaputra Near India Border

China has recently approved the construction of the world's largest dam on the Brahmaputra River, located in Tibet near the Indian border, which is poised to cost approximately \$137 billion. The dam has sparked concerns among neighboring countries, particularly India and Bangladesh, regarding potential impacts on water flow and regional stability.

Project Overview

The dam will be built on the lower section of the Yarlung Zangbo River, the Tibetan name for the [Brahmaputra](#). This initiative is expected to exceed one trillion yuan in total investment, surpassing the Three Gorges Dam as the largest infrastructure project globally.

Location and Engineering Challenges

Situated in a deep gorge of the Himalayas, the dam faces engineering challenges due to its location on a tectonic plate boundary. The area is prone to earthquakes, and the Brahmaputra creates the world's deepest canyon with a vertical drop exceeding 25,000 feet. Heavy rainfall in the region contributes to a robust water flow.



Despite the seismic risks, officials have committed to implementing safety and environmental protection measures. Comprehensive geological studies and advanced technology have been employed to support the project's development, ensuring the minimisation of ecological impact.

Hydropower Potential

The hydropower facility is estimated to generate over 300 billion kWh of electricity annually. This output could supply energy to approximately 300 million people for a year. The lower section of the river is believed to hold nearly 70 million kilowatts of power, exceeding the capacity of the Three Gorges Dam.

The project also involves drilling multiple tunnels through the Namcha Barwa mountain to redirect part of the river's flow. It is viewed as a critical step for China's national security and environmental protection, while also encouraging cooperation with neighbouring countries. The dam is expected to generate substantial revenue for the Tibet Autonomous Region.

CHELLABIRUNTHA.M
II – MBA (2023-25 Batch)

Manmohan Singh, Indian ex-PM and architect of economic reform, dies at 92

Dr. Manmohan Singh Passes Away at 92

December 27, 2024

Dr. Manmohan Singh, former Prime Minister of India, passed away in New Delhi at the age of 92. He died at the [All India Institute of Medical Sciences](#) after being admitted in critical condition. Singh had been unwell for several months and lost consciousness at home before his hospitalization and despite medical efforts, he was declared dead at 9:51 PM.

Early Life and Education

Dr. Singh was born on September 26, 1932, in a village in Punjab. He completed his early education in India before pursuing further studies at Cambridge University and the University of Oxford. His academic background laid the foundation for his future contributions to India's economy.

As Finance Minister under Prime Minister PV Narasimha Rao, Singh played a very important role in liberalizing India's economy in 1991. His policies aimed to reduce government control, promote foreign investment, and enhance economic growth. These reforms marked a shift in India's economic landscape.

Tenure as Prime Minister

Dr. Singh served as Prime Minister from 2004 to 2014, leading the Congress-led United Progressive Alliance (UPA) government. His administration focused on inclusive growth, poverty alleviation, and social welfare. He was known for his calm demeanour and economic expertise.



Dr. Singh was a member of the Rajya Sabha for 33 years, retiring in April 2024. His political career was marked by achievements in economic policy and governance. He is remembered as a key architect of modern India's economic framework.

Dr. Singh is survived by his wife, Gursharan Kaur, and their three daughters. His family has been an integral part of his life, supporting him throughout his political journey. His contributions to India will be remembered for generations.

- HARSHINI DEVI.R

I – MBA (2024-26 Batch)

India Jumps to 39th in Global Innovation Index 2024

September 30, 2024

India has moved up to 39th place out of 133 countries in the Global Innovation Index (GII) 2024. This shows a big improvement in how India supports innovation. Union Commerce and Industry Minister Piyush Goyal announced this news, highlighting that India is the leader in innovation in Central and Southern Asia.

Key Rankings

- Global Position: 39th out of 133 countries
- Regional Leadership: 1st in Central and Southern Asia
- Economic Category: 1st among lower-middle-income countries
- WIPO S&T Cluster Ranking: 4th place



Innovative Cities

Four Indian cities—Mumbai, Delhi, Bengaluru, and Chennai—are recognized among the World's Top 100 [Science](#) & Technology clusters. This shows that these cities are strong centers for innovation.

India's rise in the GII is impressive, moving up from 81st place in 2015. This significant progress shows India's dedication to improving its innovation environment.

What is the GII?

The [Global Innovation Index \(GII\)](#) ranks countries by how well they can innovate. It was started in 2007 by WIPO, INSEAD, and Cornell University and looks at 81 different factors. Switzerland has often been at the top of the list because it invests a lot in research and development (R&D).

The GII is published every year and provides valuable information about different economies. It focuses on key areas like education and skills (human capital), infrastructure (like roads and buildings), and how advanced the market is.

The 2021 report noted that India is becoming an important place for innovation. The GII also helps countries work together on innovation strategies, which can influence policies worldwide.

Global Leaders in Innovation

According to the GII 2024, the top five innovative countries are Switzerland, Sweden, the US, Singapore, and the UK. China, Turkey, India, Vietnam, and the Philippines are noted as the fastest-growing countries in innovation over the past ten years.

- DHANALAKSHMI.N
I – MBA (2024-26 Batch)

CLIMATE AND HEALTH CONFERENCE 2024

BUY VITAMINS AND SUPPLEMENTS

October 30, 2024

The inaugural Climate and Health Africa Conference (CHAC 2024) is taking place from October 29 to 31 in Harare, Zimbabwe. This conference aims to integrate Africa into the global discussion on climate change and health. Over 400 representatives from 54 African countries, including government officials, health experts, and researchers, are attending.

Purpose of CHAC 2024

CHAC 2024 addresses the urgent health impacts of [climate change](#) in Africa. The continent faces a high burden of climate-sensitive diseases and limited adaptive capacity. The conference serves as a platform to share innovations and best practices for enhancing climate resilience in health. It aims to incorporate research evidence into understanding climate health mechanisms and develop effective adaptation strategies.



Key Themes

The conference focuses on several key areas:

- About the health impacts of climate change.
- Developing equitable climate research.
- Translating research into actionable policy.
- Redefining Africa's health approach in the context of climate change.

Buy vitamins and supplements

Expected Outcomes

CHAC 2024 aims to produce outcomes, including:

- [Scientific](#) publications.
- An African Health and Climate Declaration.
- Action plans for implementation.

- New partnerships and funding commitments.

Africa's Climate Challenges

Africa suffers disproportionately from climate change effects, including droughts, cyclones, and floods. Despite contributing only 3% of global carbon emissions, the continent faces severe consequences. The [UN Intergovernmental Panel on Climate Change \(IPCC\)](#) states that over 800 million Africans are food insecure. The African Development Bank estimates climate-related losses between \$289.2 billion to \$440.5 billion annually.

Health Implications of Climate Change

Research shows that climate change is linked to various health problems. Droughts impact human health, especially in the Horn of Africa and the Sahel. These regions experience frequent droughts, exacerbating health issues due to low adaptive capacity. For example, the HIV crisis in Eswatini is worsened by climate change, affecting treatment access and care.

CHANCE Networking

Buy vitamins and supplements

Concurrent with CHAC 2024 is the Climate and Health Africa Network for Collaboration and Engagement (CHANCE). This initiative promotes networking among researchers, policymakers, and stakeholders focused on climate and health. CHANCE facilitates:

- Knowledge exchange and information sharing.
- Collaboration on climate and health research.
- Advocacy for evidence-based policy development.
- Access to climate financing.

Host and Collaborators

The conference is hosted by the Centre for Sexual Health and HIV/AIDS Research Zimbabwe (CeSHHAR) in collaboration with the Zimbabwean Ministry of Environment, Climate and Wildlife and the Ministry of Health and Childcare. The theme is "Cultivating Resilience in Health," focusing on unified and equitable strategies for climate adaptation and mitigation in Africa. Leading scientists from around the world are participating, sharing insights on the impacts of climate change on health.

- JASRA SHEFEEN.B
I – MBA (2024-26 Batch)

INDIA, BOSNIA AND HERZEGOVINA HOLD 4TH FOREIGN OFFICE CONSULTATIONS

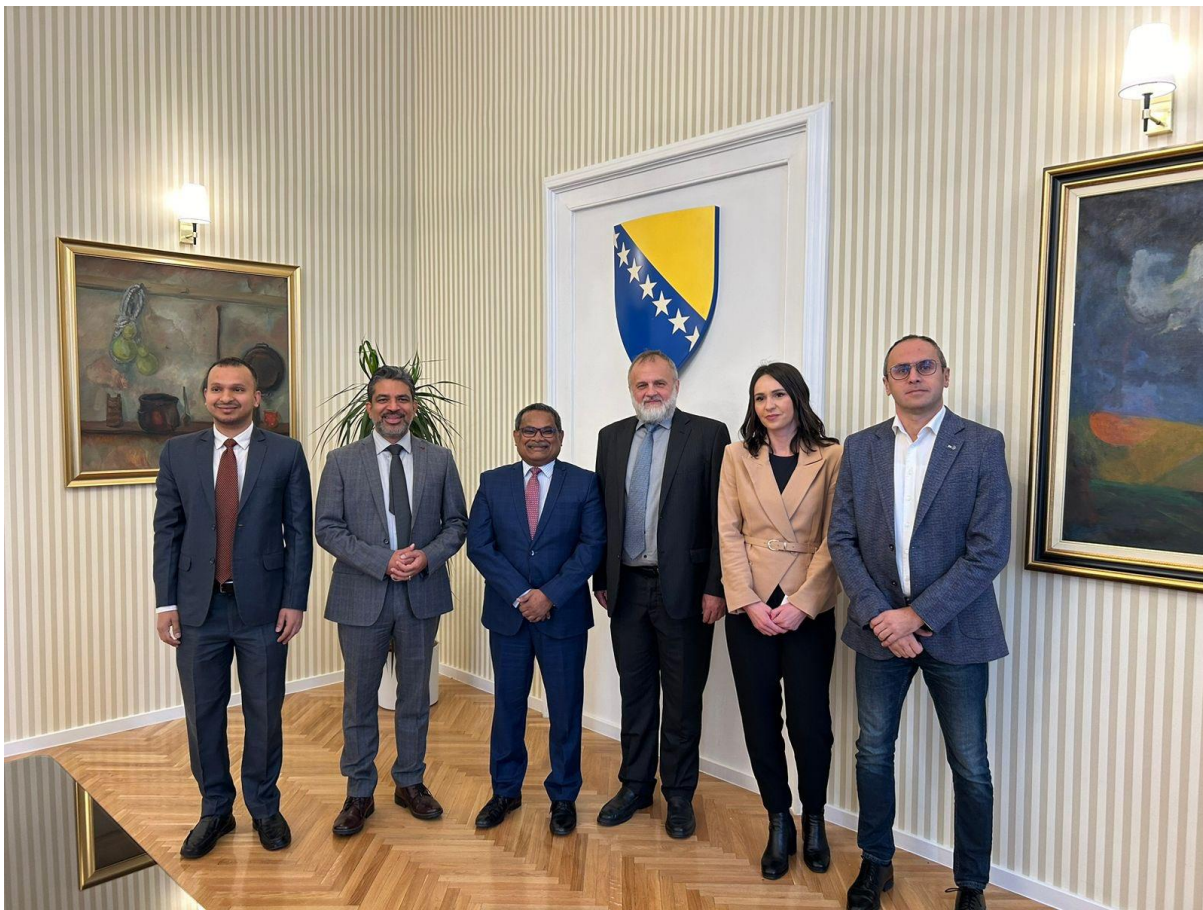
November 29, 2024 India and Bosnia and Herzegovina recently conducted their fourth Foreign Office Consultations in Sarajevo. It was led by Arun Kumar Sahu from India and Tarik Bukvic from Bosnia and Herzegovina.

Participants and Leadership

The Indian delegation was headed by Arun Kumar Sahu, Additional Secretary for Central Europe. The Bosnian delegation was led by Tarik Bukvic. He oversees the Department for Asia and Africa in Bosnia and Herzegovina's Ministry of Foreign Affairs.

Key Discussion Topics

The consultations addressed various regional and international issues. Both sides discussed developments in their respective areas. They also focused on multilateralism, BRICS, the United Nations, the [European Union](#), and the Non-Aligned Movement.



Additional Meetings

Arun Kumar Sahu met with advisors Marko Milisav and Maja Gacic. They are associated with the Chairwoman of the Presidency of Bosnia and Herzegovina. Sahu also had a courtesy meeting with Christian Schmidt, the High Representative of Bosnia and Herzegovina.

Both nations agreed to hold the next round of Foreign Office Consultations in New Delhi. The timing will be decided later. This continuation reflects their commitment to strengthening diplomatic relations.

Diplomatic Relations Milestone

India and Bosnia and Herzegovina are approaching milestone. They will celebrate 30 years of diplomatic relations in 2025. This anniversary marks their strong and friendly ties.

The consultations covered a wide range of cooperation areas. Topics included political, economic, educational, cultural, and [scientific](#) collaboration. Regional and global issues were also part of the discussions, showcasing a comprehensive approach to partnership.

Important Facts for Exams:

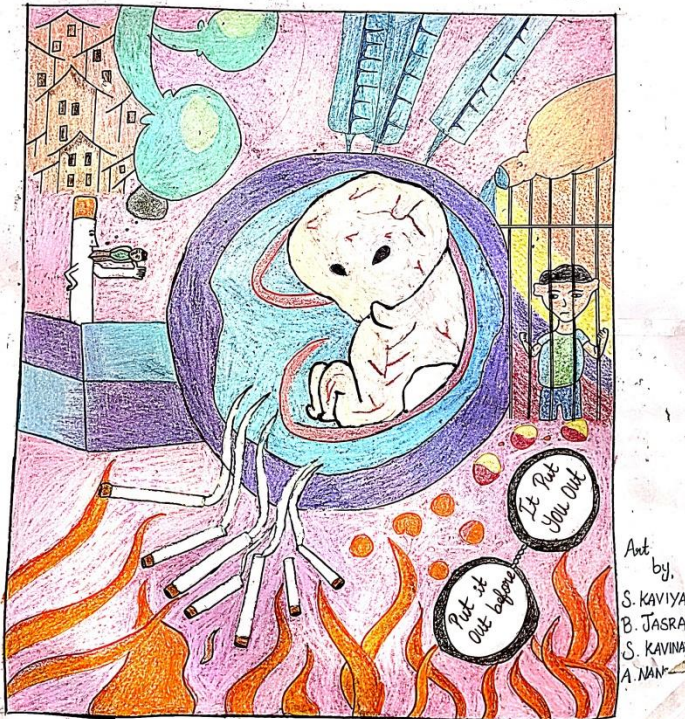
1. **Foreign Office Consultations (FOC):** FOCs are diplomatic meetings aimed at enhancing bilateral relations. They facilitate discussions on various topics, including political, economic, and cultural cooperation between nations.
2. **Non-Aligned Movement (NAM):** NAM is a group of states not formally aligned with major power blocs. It promotes peace, security, and cooperation, aiming to represent the interests of developing countries.

**- SANTHOSH KUMAR M
I – MBA (2024-26 Batch)**

STUDENT CORNER

ANTI-DRUG AWARENESS

"YOUR DREAMS ARE WORTH MORE THAN DRUGS"



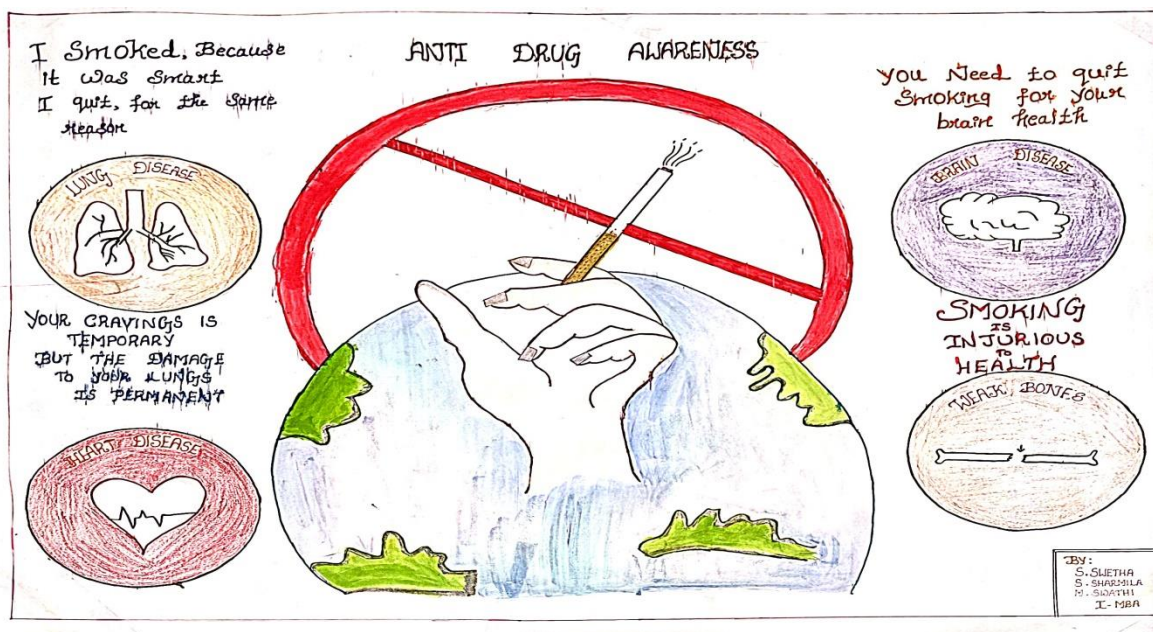
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S.KAVIYA

B.JASRA SHAFEEEN

S.KAVINAYA

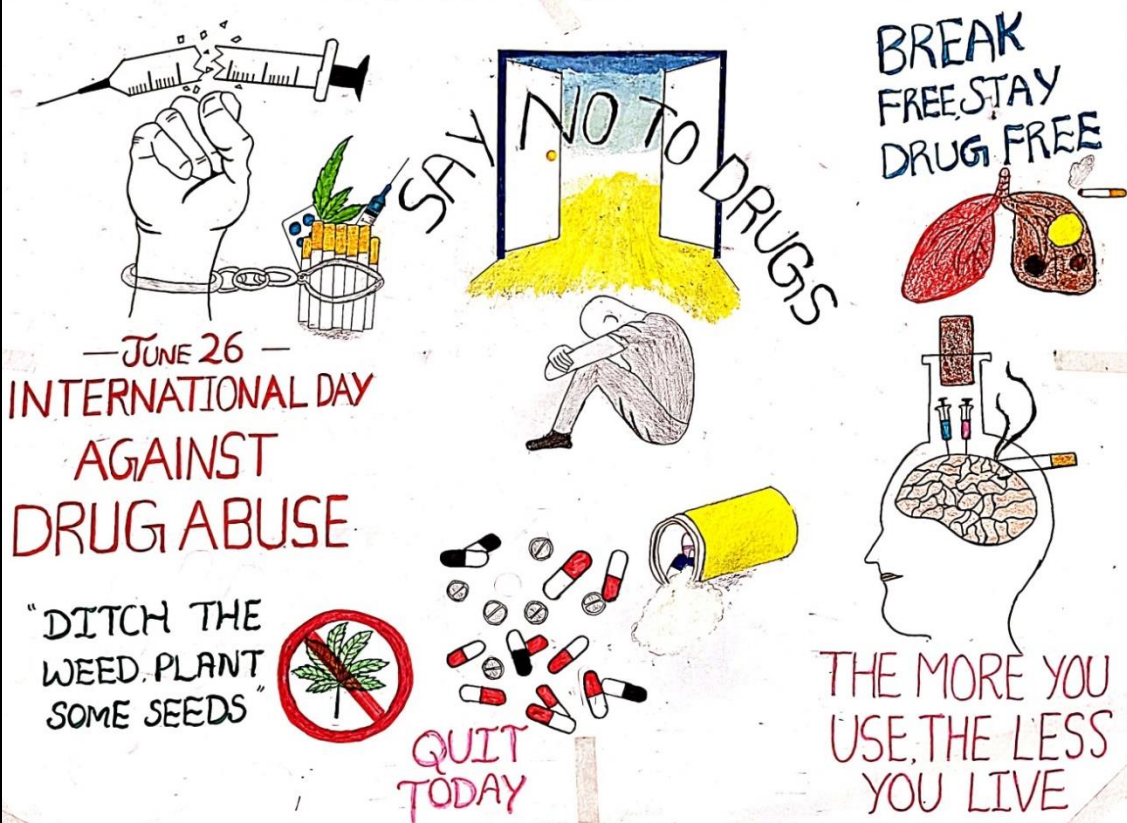
A.NANDHINI



I – MBA S.SWETHA

S.SHARMILA M.SWATHI

ANTI DRUG AWARENESS



X.Stefy Alance F.R.Jumana Farhath
S.Kamalisha V. preethi

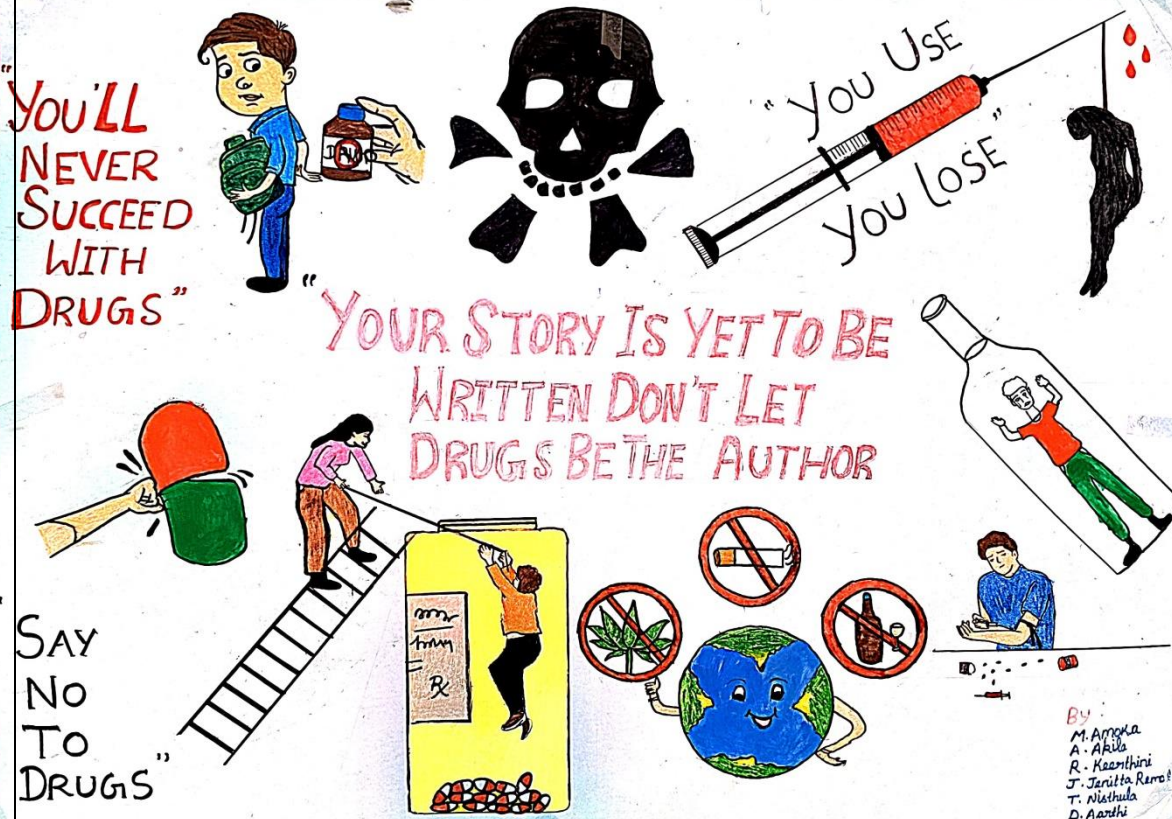
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X.STEFY ALANCE

F.R.JUMANA
FARHATH

S.KAMALISHA

V.PREETHI



By
M.Amoka
A.Akila
R.Keerthini
J.Jenitta Remolin
T.Nisthula
D.Aarthi

I-MBA

M.AMOKA

A.AKILA

R.KEERTHINI

J.JENITTA
REMOLIN

T.NISTHULA

D.AARTHI



DON'T LET IT
BE TOO LATE

SAY NO
TO
DRUG



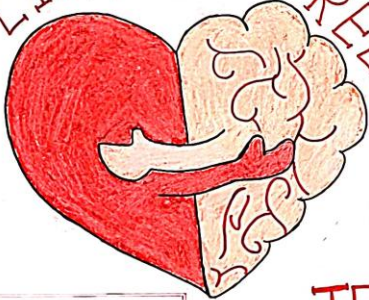
LOVE YOURSELF
and always be
healthy.

A. MOHAMED NUSHRATH
K. BALAJI
S. SANTHOSH KUMAR
M. THIRUVENGADAI ALAPATHI

SAY NO TO DRUGS



LIVE DRUG FREE



IF YOU TAKE DRUGS
IT WILL TAKE YOUR LIFE



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J. MOHAMED
NUSHRATH

K. BALAJI

S. SANTHOSH
KUMAR

M. THIRUVENGADAI
ALAPATHI

J. DHIVAGAR

I-MBA

DHANALAKSHMI.N

HARINI.K

ASHIFA THAGASIN
M

HARSHINI DEVI R

DEPARTMENT OF
MANAGEMENT STUDIES - I MBA

DHANALAKSHMI N
HARINI K
ASHIFA THAGASIN M
HARSHINI DEVI R



STOP



AVOID



DRUGS



THE FIRST STEP TO FREEDOM IS SAYING
NO TO ADDICTION.

DRUGS PROMISE JOY BUT DENY DESPAIR.



DRUGS

TAKE YOU TO HELL
DISGUISED AS HEAVEN.

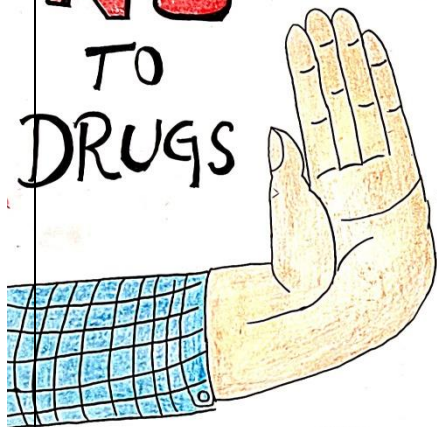


DRUGS MAY GIVE TEMPORARY HIGHS, BUT
THEY LEAD TO PERMANENT LOWS.

A. P.

SAY NO TO DRUGS

STOP



SAY YES TO LIFE



S. TAMIL MANI
R. RAKSHANA
N. JANANI
S. MAHALAKSHMI
M. ASHIKA

DRUGS ENDS ALL DREAMS



I-MBA

GANESHAN.J

SABARI.R

ASHWIN.R

I-MBA

S.TAMILMANI

R.RAKSHANA

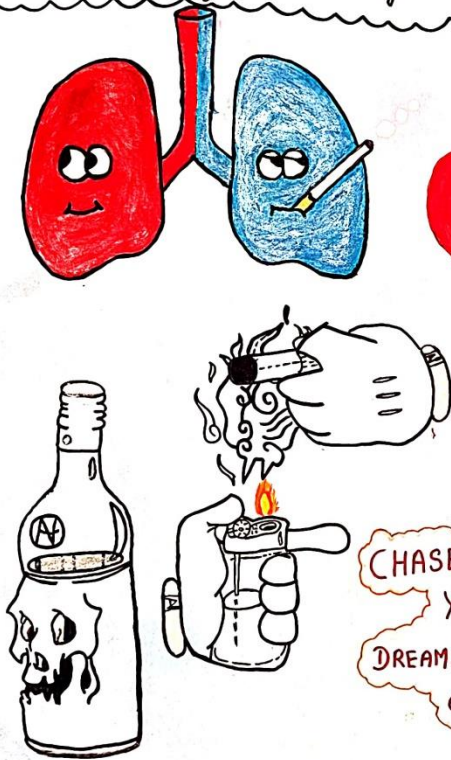
N.JANANI

S.MAHALAKSHMI

M.ASHIKA

Keep your Vision Clear Don't blur
the Scene Say No to Drugs

Drugs is Not the Solution is
the Problem



CHASE
YOUR
DREAMS
CLEAN



AARTHI.P
NIKITHA.P
RAMYA.R
VIJAYA LAKSHMI.G
IST M.B.A

I - MBA

AARTHI.P

NIKITHA.P

RAMYA.R

VIJAYALAKSHMI.G

ANTI DRUG AWARENESS



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A.ABINAYA

S.JEEVASHREE

B.RAJALAKSHMI
PRIYA

M.PREETHI

P.NIVETHA

A.Abinaya S.Jeevashree B.Rajalakshmi Priya M.Preethi P.Nivetha - I.MBA