1/Jan/2020

2. Australia: **Australia BushFires** | 2. Science Exhibition **Govt. College Stood First** | 2. कविता **चिड़िया**

Riya Got First Position

Inter college competition organised by Red Ribbon Club

Shreya

A slogan writing competition was organized on the theme of Role of Youth in Nation Building on behalf of Red Ribbon Club on14 January,2020 at Ambala.

The competition was organized under the supervision of Dr. Anju Tanwar, convenor of the club and Prof. Nayab Singh, convenor of Red Cross

The principal and other staff members along with the students. *Os

Society.

Principal Dr. Kamalesh and Prof. Rekha Sharma congratulated all the

from different departments of the college participated in the event.

Prof. Rajni, Prof. Rita and Prof. Lucky were the judges for the competition.

Prof. Jageram, Prof. Gayatri, Prof. Shikha, Prof. Poonam Dhiman, Prof. Shilpa and Prof. Ravinder Kaur were present in this event.

winners and participants. The principal distributed certificates to all the winners.Participants

Word-o-pedia

WORDS	MEANING
1. Entitlement:	having a right to something
2.Downpour:	heavy rain
3.Possession:	keeping in hold or control
4.Underpin:	support from the base
5.Revamp:	rebuilding something or repair
6.Exaggerate:	saying something beyond the limits
7.Redressal:	solution
8.Heed:	be careful
9.Unanimously:	commonly
10.Abrogation:	removal

Upcoming Events:
1.Poem Recitation
2.Declamation Contest
3.Debate
4.Essay Writing
5.Short Movie
6.PPT
7.Rangoli

Events organised by Women Cell

On 29 Jan,2020 at 11a.m.in college premises

"Students must Know their Rights & Duties"

Goral

An extensive lecture was organised on fundamental rights & duties on 15th January, 2020.

The seminar was organised by Legal Literacy Cell at Government PG college, Ambala Cantt.
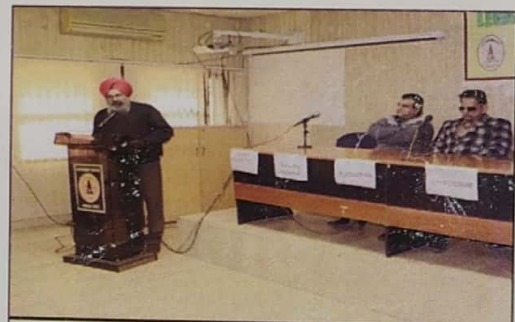
The keynote speaker was Dr. Jageram and Dr. Gurdev

Legal Literacy Cell organised a seminar in college

Singh.The stage was conducted by Professor Gurvinder.

The other members of Legal Literacy Cell were also present. Students from different fields and courses were present and informed about their fundamental rights and

duties. The motive of the seminar was to aware the students about the Constitution of India.This will enable the students to make their country a well prosperous by performing their own duties so that no one would be deprived off their constitutional rights.

Dr. Gurdev Singh delivering speech. *Os

Single-use plastic: China to ban bags

Our Students

Non-degradable bags will be banned in major cities by the end of 2020 and in all cities and towns by 2022.

The restaurant industry will also be banned from using single-use straws by the end of 2020.

China has for years been struggling to deal with the rubbish generated by its 1.4 billion citizens.

*Os: Our Students

Exhibition ● **Different Departments Participated**

Students Showed Creativity in Models

Ankit

College level science exhibition competition was held on 10th January.

The exhibition was inaugurated by Dr. Kamalesh,

College level Science Exhibition

the college principal.

She was accompanied by Dr. Anu Nagpal, Dr. Rekha Sharma and Dr. Subhashini. Convener of

Principal and others visiting the exhibition. *Os

the exhibition, Dr. Avatar Singh Rahi, said that in this competition, students from the departments of Chemistry, Physics, Botany, Zoology, Computer, Psychology and Geography presented their models. He told that in chemistry, Visakha and Ajay stood first and Mohak and Prateek second. In physics, Raghav and Deepti won first position and Rohit and Amit bagged second. Dipakshi and Shivani were first in Zoology and Harshita and Shreya got second position.

Vyom Mitra, First Humanoid to ride to space

ISRO unveiled its first 'woman' astronaut to an international gathering "Human Spaceflight and Exploration-Present Challenges and Future Trends" in Bangaluru on January 22,2020.

Seated at a desk in a uniform and sporting her name on a custom-made ISRO identity badge, Vyom Mitra created a sensation as she introduced herself to ISRO Chairman K.Sivan and Principal Scientific Advisor K. VijayRaghavan at the symposiun on human space flight.

Source:The Hindu

कौआ है प्यासा प्यासा

कौआ है प्यासा प्यासा।
पानी कहाँ से लाऊँ रे।।
जन भी प्यासे थल भी प्यासा।
मैं कैसे इन्हें समझाऊँ रे।।
पानी पानी सब करें।
मरता कौआ करे सवाल।।
तुम इंसानों ने क्या है किया।
जो धरती का हुआ यह हाल।।
समय है सुधर जाओ।
अपने में कुछ सुधार लाओ।।
बख्श दो इन जंगलों को,
एक कुदरत है हमारी भी।
पानी के बिना कुछ नहीं,
कोई व्यक्तित्व नहीं तुम्हारा भी।।

"प्यासा कौआ चीखता, खूब
मचाए शोर।
पेड़ों को मत काटिए, सूखा जल
सब ओर।"

अंकित शर्मा

10 Interesting facts about Chandrayaan-2

Sonali Vaish

1. GSLV MK 3 is the most powerful space launcher designed and made by India. The launcher was used to propel Chandrayaan-2 into space.
2. The rocket was dubbed Baahubali by the media in Southern India
3. The mission is aimed at studying the Southern Pole of the Moon. No country has ever carried out such a feat
4. Lunar probe Pragyaan will carry out scientific experiments on the surface of the Moon
5. Like earthquakes, the seismic activity takes place on the surface of the Moon as well. These are called Moonquakes. Scientific instruments onboard the orbiter and Pragyan rover are tasked with studying the Moonquakes as well.
6. The lander and rover will carry out scientific experiments over a period of 15 days.
7. ISRO has been able to carry out Chandrayaan-2 mission at a budget of little over Rs 600 crore. This is the most cost-effective moon mission compared to those carried out by NASA which have cost billions and billions of dollars.
8. Pragyan rover will not be the only rover treading on the surface of the Moon. China's Yutu-2 rover is currently on the moon as well
9. Chandrayaan-2 mission takes the baton from Chandrayaan-1 mission launched in the year 2008.
10. Chandrayaan-1 mission was successful in proving that water exists on the moon.

सद्भावना दिवस: कॉलेज स्टाफ व छात्रों ने ली शपथ

शपथ लेते कॉलेज स्टाफ व छात्र

मनीष कुमार

अंबाला छावनी के राजकीय स्नातकोत्तर महाविद्यालय में 20 अगस्त को पूर्व प्रधानमंत्री राजीव गाँधी के जन्म दिवस के अवसर पर कॉलेज के पूरे स्टाफ व छात्रों ने शपथ ली की वे देश के सभी जाति धर्म के लोगों से प्यार और एक दूसरे के प्रति सद्भावना रखेंगे।

Amazon fires: Serious Problem For All Of Us

SONALI VAISH

What's happening?

Tens of thousands of fires are burning across the vast Amazon basin, consuming 4.6 million acres of irreplaceable rain forest since the beginning of the year. Thick, black smoke, visible from space, wafts over the land, plunging Brazil's largest city, São Paulo, into daytime darkness and filling hospitals with patients in respiratory distress. More than 36,000 of the 77,000 fires in the Amazon this year began in the last month alone. The Brazilian space agency, which monitors the blazes by satellite, says most of the damage is in the northwestern Brazilian states of Roraima, Acre, Rondônia, and Amazonas, where more than double the usual amount of acreage is on fire. This is not natural: More than 90 percent of these fires have been set by loggers and ranchers seeking to clear land. With the encouragement of the Brazilian government, deforestation of the Amazon has surged to the highest level in a decade and is now galloping along at three football fields every minute. Half of the clear-cutting and burning has occurred in protected lands.

Why is the Amazon burning?

An unprecedented number of fires have raged throughout Brazil in 2019, intensifying in August. There have been more than 80,000 fires so far this year, the most ever recorded by the country's National Institute for Space Research (INPE). It's a nearly 80 percent jump compared to the number of fires the country experienced over the same time period in 2018. More than half of those fires are taking place in the Amazon.Why is this a big deal?Everyone on the planet benefits from the health of the Amazon. As its trees take in carbon dioxide and release oxygen, the Amazon plays a huge role in pulling planet-warming greenhouse gases out of the atmosphere. Without it, climate change speeds up. But as the world's largest rainforest is eaten away by logging, mining, and agribusiness, it may not be able to provide the same buffer."The Amazon was buying you some time that it is not going to buy anymore," Carlos Quesada, a scientist at Brazil's National Institute for Amazonian Research, told Public Radio International in 2018. Scientists warn that the rainforest could reach a tipping point, turning into something more like a savanna when it can no longer sustain itself as a rainforest. That would mean it's not able to soak up nearly as much carbon as it does now. And if the Amazon as we know it dies, it wouldn't go quietly. As the trees and plants perish, they would release billions of tons of carbon that has been stored for decades — making it nearly impossible to escape a climate catastrophe."THERE IS NO DOUBT THAT THIS RISE IN FIRE ACTIVITY IS ASSOCIATED WITH A SHARP RISE IN DEFORESTATION"

Why is the Amazon so important?

Home to three million species of plants and animals, the vast rain forest is the most biodiverse region on the planet. Some 400 billion trees absorb millions of tons of carbon dioxide every year — crucial to slowing climate change — and emit about 6 percent of Earth's oxygen. These trees also respire moisture, pulling fresh water from the ground and cycling it into the air, creating one of the atmospheric "rivers" of moisture that regulate rainfall across the planet. Rainfall in the American Midwest, for example, heavily depends upon water coming from the Amazon. Over the past half century, though, one-fifth of the rain forest — 300,000 square miles, an area larger than Texas — has been deforested. Scientists say if another 10 percent is lost, the ecosystem will reach a tipping point at which it will dry up irreversibly, converting the entire remaining rain forest into a savannah. The consequences for the planet could be devastating.

"THERE IS NO DOUBT THAT THIS RISE IN FIRE ACTIVITY IS ASSOCIATED WITH A SHARP RISE IN DEFORESTATION"