



**SRMS**

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**CAMPUS-ANVESHAN**

**College of  
Engineering,  
Technology & Research**



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**Principal's Desk**

SRMS College of Engineering Technology & Research follows a unique pedagogy to ensure its students in having the opportunity to face the rigors of ever-changing demands of real-world situations.

It is supplemented by on-going and regular interaction with business and industry leaders, providing the students a practical platform to assess and experience the application and effective results of what is taught as concepts in their classrooms.

The faculty members are experts at integrating knowledge with competitive insights and practical applications. Their experience is drawn from superior academic backgrounds and their industry experience with a wide variety of organizations.

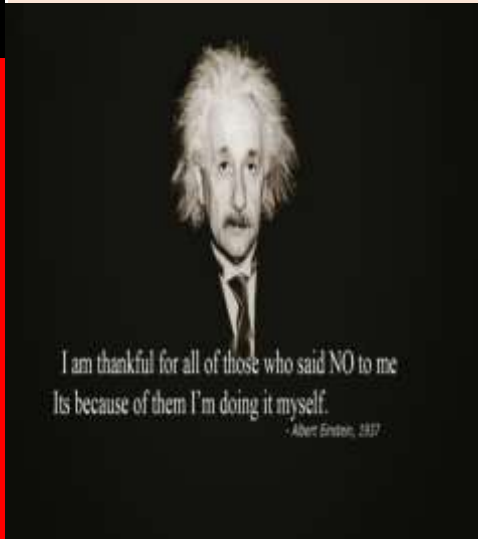
The faculty and the supportive teaching-learning environment results into a unique, valuable and powerful learning experience. Besides a team of full-time dedicated qualified faculty members, the other assets of the college include a well developed central library, a state-of-the-art English Communication Skill Development Laboratory and several well developed Computer laboratories.

The Training & Placement Cell of the college, with its qualified and dedicated officials, provides appreciable placement assistance along with arrangement of adequate in-house and external industrial training which help students to excel in their on and off campus interviews.

I welcome the aspiring engineers in choosing this college so as to fulfil their dream to attain heights of glory and wish them all the best in their career.

**Dr. L. S. Maurya**

**Principal**



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Ram Murti Puram, 13Km, Bareilly-Nainital Road, Bhojipura, BAREILLY-243202, UP, India

E-Mail: [cetr@srms.ac.in](mailto:cetr@srms.ac.in) Website: [www.srms.ac.in](http://www.srms.ac.in). AKTUCode: 450

**The Month of March is all about equal and fair rights for everyone.  
From international women's day to consumer right day,  
all these events are celebrated in March.**



**WORLD SPARROW DAY**  
**March 20, 2023**



The house sparrow perhaps one of the earliest birds I can remember from my childhood was an intricate part of our growing up days. But rarely do we get to see or hear them anymore.

Every year on March 20, people celebrate World Sparrow Day to raise awareness about sparrow and other common birds' conservation and to save these social chirping birds, which are on the verge of extinction and also highlight the importance of urban biodiversity. It is important to realise that nature does not come with a lifetime warranty.

The first World Sparrow Day was celebrated in 2010 in different parts of the world. The theme for World Sparrow Day this year is "I Love Sparrows." These words highlight the importance of cherishing and protecting these small birds

## International Women's day

March 8, 2023

**“Women are the real architects of society.”**

– Harriet B. Stowe

Every March, as nature celebrates the colors of spring, the world marks the International Women's Day (March 8) raising a toast to women. It celebrates womanhood and pays tribute to the indomitable spirit of women across the globe.

Gender inequality and discrimination are rampant in our societies, and most of the time, women are victims of them. International Women's Day has become a forum to raise awareness and galvanize change in society.

This year's global theme for International Women's Day, 8 March 2023, is 'DigitALL: Innovation and technology for gender equality'.



The digital technologies have become vehicles for spiteful and hateful abuse of women and girls online.

Volker Türk, UN High Commissioner for Human Rights had very rightly stated that the digital space has yet to undergo a much-needed feminist revolution – and it must.

We must promote and protect women and girls' individual and collective action and power, support and expand their civic space, access to information, meaningful participation, and equal access to Justice when their rights are violated, including in digital spaces. Women's rights are human rights no matter where women choose to engage — online, at home, at work, everywhere.



**Nirmala Sitharaman** (born 18 August 1959) is an Indian economist and politician serving as the 28th Minister of Finance and 33rd Minister of Corporate Affairs of the Government of India since 2019.



**Madhabi Puri Buch** is the chairperson of the securities regulatory body Securities and Exchange Board of India (SEBI). She is the first woman chairperson to lead SEBI, and also SEBI's first non-IAS chairperson.



**Falguni Sanjay Nayar** (born 19 February 1963) is an Indian billionaire businesswoman, who is the founder and CEO of the beauty and lifestyle retail company **Nykaa**, formally known as FSN E-Commerce Ventures which is an acronym of her own name. Nayar is one of two self-made female Indian billionaires.

# HAPPENING AT THE COLLEGE

## EMPOWERING STUDENTS WITH REAL-WORLD INSIGHTS FOR SUCCESS

On 15 March 2023 (Wednesday), SRMS CETR's Department Of Computer Science and Engineering organized an Alumni Guest Lecture on 'From the Classroom to Real World: Insights and Inspiration from our Alumni, for the students of B.Tech at college's mini auditorium.

Ms. Oshin an alumna of 2018 Batch, is an enthusiastic and a driven System Engineer with a proven track record of understanding and translating system requirements, and working with SAP modules.



**Ms. Oshin Kandpal**  
SAP ABAP Technical Architect  
TCS, Bangalore



**Ms. Garima Saxena**  
Senior Backend Developer  
Boston Consulting Group, Gurgaon

Ms. Garima Saxena, an alumna of the department of Computer Science & Engineering (batch 2018), had started her career with Eninov Systems through college placement.

Later, she switched to BlueStacks for better opportunities, and there she got an opportunity to work in BCG as a Senior Backend Developer. She had won multiple awards for her work and deliverables.



The alumni gave valuable insights from their personal experiences related to IT industry, and shared how they made a mark in the industry and their journey.

Ms. Oshin Kandpal shared her working experience in a start-up & stressed upon the importance of technology in every sector, growing market trends, digitization, emerging technologies, skills and tools.

Ms. Garima Saxena explained the need of right mix of technology and soft skills; also defined the difference between placements in technical v/s non-technical companies.

Overall it was very informative and interactive session for the students. The guest lecture was appreciated by Dr. Prabhakar Gupta, Dean Academics SRMS CET & Dr. L.S. Maurya Principal, CET&R.

# STUDENT CORNER

## RANSOMWARE



RANSOMWARE is a form of malware that encrypts a victim's file. The attacker then demands a ransom from the victim to restore access to the data upon payment.

There are number of victors ransomware can take to access a computer. One of the most common delivery system is phishing spam attachment that come to the victim in an email masquerading as a file they should trust .

Once they are downloaded and opened they can take over the victim's computer especially if they built in social engineering tools that tricks users into allowing administrative access.

There are several different ways attackers choose the organisation they target with ransomware. Sometimes it is a matter of Opportunity; for instance attackers might target universities because they tend to have smaller security teams.

There are a number of defensive steps, we can take to prevent ransomware infection:-

- Keep the operating system patched and up to date.
- Don't install software or give it administrative privileges.
- Install antivirus software.

Compiled By:  
Vishal Singh  
B.Tech (Third Year) CS

## Consciousness in AI

Artificial consciousness (also known as machine consciousness or synthetic consciousness or AI consciousness) refers to a non-biological, human created machine that is aware of its own existence. When – or if – it will be created, it will profoundly affect our understanding of what it means to be “alive”.But before discussing artificial consciousness, we need to examine what we have now: artificial intelligence.

### WHAT IS ARTIFICIAL INTELLIGENCE?



Artificial Intelligence (AI) is a broad term and has been used to refer to anything from basic software automation, to machine learning. Artificial intelligence is a long way from artificial consciousness. One of the ways artificial intelligence is built through technologies such as machine learning or neural networks; technologies that enable computers to be “trained” from the information it is given, through the use of complex algorithms. As a result of this training, these artificial intelligence machines can then take actions Artificial intelligence has been evolving rapidly and has had numerous applications within a wide number of industries. From retail, to manufacturing, to banking and financial services – artificial intelligence algorithms are being deployed to target individuals' needs and desires and to enhance user experience, promote efficiency and safety.

### WHAT IS ARTIFICIAL NARROW INTELLIGENCE (ANI)

As AI has developed, so too has the scope of research.. Artificial intelligence has been divided into two categories: Artificial Narrow Intelligence (ANI) and Artificial General Intelligence (AGI). Artificial Narrow Intelligence is commonly known and referred to as ‘Weak AI’.

# STUDENT CORNER

Artificial Narrow Intelligence is the branch of artificial intelligence which pervades today. Whilst these “intelligent” machines have had significant breakthroughs and, in some cases, are even out-performing humans in specific tasks; they are ‘weak’ because they operate intelligently only in narrow circumstances and under significant constraints. Artificial narrow intelligence can learn to be very good at doing a particular defined task, but is completely unable to perform any other task. Its “intelligence” cannot be applied to anything else. The other category of artificial intelligence is Artificial General Intelligence (AGI) – or ‘Strong AI’. This is the next stage in artificial intelligence and has yet to be achieved.

## **WHAT IS ARTIFICIAL GENERAL INTELLIGENCE (AGI)?**

Essentially AGI machines can observe and learn, but then able to apply what they have learned in one area to another unfamiliar area. Whilst this intelligence is basic in humans and other biological life, and is found at early stages of development, we have yet to produce a machine that can mimic this. Whilst the gap between human intelligence and artificial intelligence seems to be diminishing at a rapid rate, ‘it takes more than just performing specific tasks better than humans to qualify as Artificial General Intelligence.

Compiled By:

*Devansh Patel*

*B.Tech (Third Year) CS*

## **Writing a Persuasive Speech**

There are three questions you can use to determine which persuasive speech topics will lead to enthusiastic applause and standing ovations.

### **Does the persuasive speech topic interest you?**

A major part of writing a persuasive speech is doing ample research on the subject you choose. So one of the first things you should ask yourself when considering a potential persuasive speech topic is, “Would I enjoy learning about this subject extensively?”

If you can’t answer that question with an emphatic, “Yes!” you might want to continue your topic search. You don’t want to spend hours diving into a subject you don’t enjoy. Plus, an audience can easily pick up on boredom or lack of interest in a persuasive speech, and you clearly don’t want that. On the other hand, if you’re explaining a subject you’re passionate about, your audience will get caught up in your excitement—resulting in a much more compelling and persuasive speech. Here’s another word of advice. Some people will tell you to pick a persuasive speech topic you’re already an expert in, and that’s certainly one way to go about it. While we won’t tell you being an expert in the subject should be your top deciding factor, this approach has its advantages—you’re already familiar with the lingo and the basics of the subject are. This helps you significantly speed up your research process. But if you have the time and willingness to tackle an entirely unfamiliar subject that utterly fascinates you, go for it!

### **Will the persuasive speech topic interest your audience?**

So you’ve found a few persuasive speech topics that interest you. But what about your audience? Do they share your interest? Even if you argue your points with enthusiasm, will they be bored by your subject? To answer these questions, you have to understand your audience well. Study them to learn what grabs their attention. What do they care about? What topics are relatable to their lives or their communities? What subjects will they be more likely to get emotionally invested in? When you find persuasive speech topics that equally interest you and your audience, you’re setting yourself up for success.

### **Has the persuasive speech topic been covered too many times?**

This is the last question you should ask yourself before committing to your persuasive speech topic. Has this topic been overdone?

Compiled By:

*Tushar Gupta*

*B.Tech (Third Year) CS*

# DO YOU KNOW???

## Budget 2023



Here are some interesting facts on Union Budget:

- 1. Derivation of the word Budget:** The word Budget has been derived from the French word 'Bougette' which means 'small bag'.
- 2. Finance Minister Nirmala Sitharaman gave the Slogan Of Green Growth.**
- 3. First Woman to present the Union Budget:** Former Prime Minister Indira Gandhi for the FY 1970-71.
- 4. Indira Gandhi:** was the only woman Finance Minister who was also the Prime Minister while presenting the budget.
- 5. Second Woman to present the Budget:** On 5 July 2019, Nirmala Sitharaman full-time woman Finance Minister of India.
- 6. Introduction of Hindi:** Since 1955-56, the Budget documents are printed both in English and Hindi. Prior to that, the Budget was printed only in English.
- 7. Bahi Khata :** In the year 2019, Finance Minister Ms Sitharaman replaced the standard Budget briefcase with the traditional 'Bahi Khata' with the National Emblem.


**8. Change in time:** In the year 1999, FM Yashwant Sinha changed the time for the presentation of the Union Budget from 5 p.m. to 11 a.m.

**9. The Millennium Budget:** Finance Minister Yashwant Sinha presented 'The Millenium Budget' in the FY 2000-01 -- a budget that revolutionised India's IT sector.

**10. Paperless Budget:** For the first time in Independent India's history, the Budget for FY 2021-22 is paperless.

**11. First Prime Minister to present the Union Budget:** Former Prime Minister Jawaharlal Nehru was the first PM to present the Union Budget for the FY 1958-1959. The Union Budget is usually presented by the Finance Minister.

**12. Maximum Union Budgets by a Minister:** Former Finance Minister Moraji Desai presented Budget a 10 times, former FM P. Chidambaram (9), former FM Pranab Mukherjee (8), former FM Yashwant Sinha (8), and former FM Manmohan Singh (6).

	<b>Moraji Desai</b> Presented Budget 10 times
	<b>P. Chidambaram</b> Presented Budget 9 times
	<b>Pranab Mukherjee</b> Presented Budget 8 times
	<b>Yashwant Sinha</b> Presented Budget 8 times
	<b>Manmohan Singh</b> Presented Budget 6 times

## My perspective of SPIRITUALITY



Spiritual practices are as diverse as the number of cultures recorded in the archives of human endeavour. These practices are influenced by a variety of factors such as Culture, psychology, social patterns and even geographical location.

Some people pray aloud, chant repetitive phrases, or eschew all forms of prayer, some sit quietly resting the eyes and mind on a single object.

Others dance, paint their bodies, pierce their skin, use totems, eat special foods, light fire, make gestures, sprinkle water, study scriptures, sacrifice animals, or discuss imponderables.

The list just keeps growing with every new anthropological study.

We have a tendency to form judgments about other people's practices. Some practices may be viewed as primitive or archaic, others as idolatrous or perverted, childish or bizarre, immoral or foolish.

Yet if we have any spiritual inclination ourselves, and are willing to be honest, we will find traces of these same practices in our own belief system or in the way our individual religious traditions are expressed.

Let us first consider the question of why do we seek spiritual models?

at the state of global chaos in the 20th century, comprised of all those wars, struggles for power, struggles for Independence and the racial and ethnic strifes.

Everywhere people were under threat but deep inside they had a hope of witnessing a new dawn of peace in the distant future.

**Life's goal is happiness.**

What all humans desire is peace. Therefore, it is natural for all humans to look for a set of guiding principles which can elevate conflict and manifest peace.



Compiled By:  
*Ms. Ruchie Sah*  
*Assistant Professor*



# HEALTH TIPS

- *Read a book or newspaper - Reading does for the brain what exercise does for the body — it makes you stronger.*
- *Turn off screens – avoid your phone, computer half an hour before bedtime – it'll help you relax.*
- *Exercise is good for body, but it's also good for your mind too.*
- *Go outside – going outside makes us happy. Spending time outside is a great way to reduce stress and clear your head.*
- *Nurture your social relationships.*

# LOGIC PUZZLE

## **PUZZLE:**

There are 5 Islands in a row. Parker the Paranoid Pirate has a ton of gold hidden on one of them.

During the day you have enough time to sail to just one island to find the gold.

But every night Parker moves all that gold exactly one island over (so if it was on island 4 it gets moved to either island 3 or 5)

What strategy can you use to have the best chance of finding the gold?

Is it possible to be sure of finding the gold?

## **Solution & Explanation:**

Searching islands 2, 3, 4, then 2, 3, 4 again is guaranteed to find the gold. Amazing hey?

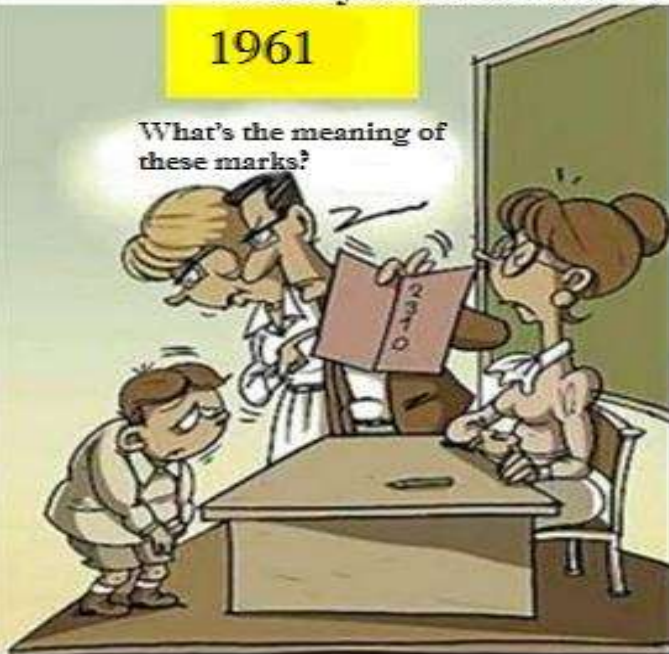
It helps to know that the gold alternates between even and odd islands.

# HOW THINGS HAVE CHANGED!!

..... in 50 years a lot has changed in school .....

1961

What's the meaning of these marks?



2011

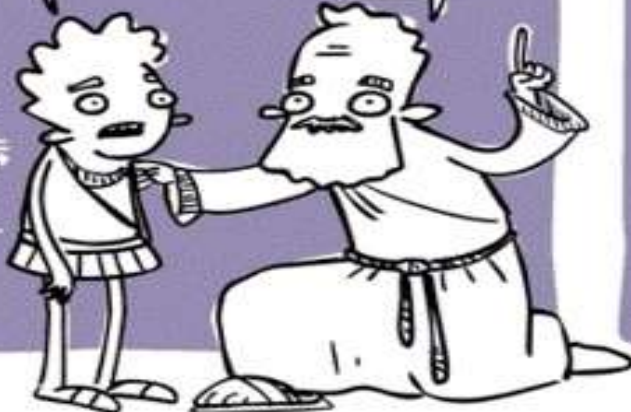
What's the meaning of these marks?



BEFORE

Who made the World Dad?

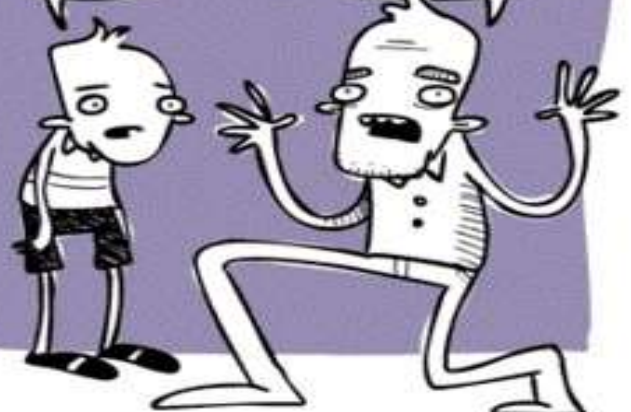
God made the world my son



NOW

Who made the World Dad?

Look it up on Google my son



# FACULTY & STAFF ACHIEVEMENTS



**Mr. Pradeep Kumar**  
Asst. Professor (CSE)

- Attended one week industry academia engagement online workshop on **“Smart Technologies And Empowerment For Industries ”** (27<sup>th</sup> February- 3<sup>rd</sup> March, 2023)



**Ms. Neha Sharma**  
Asst. Professor (CSE)

- Online Short Term Course on **“Data Visualization for Deep Learning using Power BI and Tableau”** Conducted by the Department of CSE, NIT Warangal and Department of IT, VRRVJIET, Hyderabad in Association with CCE, NIT Warangal (23<sup>rd</sup> Feb – 28<sup>th</sup> Feb, 2023)
- One week industry academia online workshop on **“Smart Technologies And Empowerment For Industries ”**(27 Feb- 3 March, 2023)



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- One week industry academia online workshop on **“Smart Technologies And Empowerment For Industries ”**(27 Feb- 3 March, 2023)






**Mr. Shiv Poojan**  
System Admin.

- Attended one week industry academia engagement online workshop on **“Smart Technologies And Empowerment For Industries ”** (27<sup>th</sup> February- 3<sup>rd</sup> March, 2023)

# CONGRATULATIONS

SHRI RAM MURTI SMARAK COLLEGE OF ENGG., TECH. & RESEARCH,  
BAREILLY  
STUDENTS PLACED IN VARIOUS COMPANIES  
B.Tech CS BRANCH 2019-2023 BATCH

Name	Company	Package
 MOHD ASJAD NAFEEES	PLANET SPARK	6.5 LPA
 MOHD TABISH HASAN	PLANET SPARK	6.5 LPA
 VAIBHAV BHARDWAJ	PLANET SPARK	6.5 LPA
 MOHD. AKRAM YAR KHAN	NETSMARTZ INFOTECH PVT. LTD	4 LPA

**THINK !!**

If we are passionate about changing our future, our dreams will definitely come true. Life is full of challenges. We all make mistakes but it is important to learn from them and rise in our academic and professional lives.