



SRMS

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CAMPUS-ANVESHAN

**College of
Engineering,
Technology & Research**



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Principal's Desk

“Each moment is a golden opportunity, an opportunity to learn, to give, to help, and to live fully”. Education today is no longer confined to the four walls of the classroom. All round efforts are being made to provide qualitative, value based, activity oriented education in our Institution. Our striving for excellence in this direction has led us to believe that the interest and curiosity of a student has to be kept ever alive. We have also been successful in providing a conducive and congenial atmosphere in the institution so that the activity of teaching and learning is done successfully.

“Education has to be a process which prepares the student to learn to develop a way of thinking that is known as success, academics alone are not our aim but to create good and thinking individuals with a right and positive attitude and also equip them to face real life situation”.

The special emphasis is on Outcome Based Education (OBE) and Experiential Learning. The academic activities concentrate on helping the students to gain an excellent theoretical knowledge base and in the development of skills to implement them. We constantly review our set up to update and improve while making sure that students develop critical thinking skills, analytical frameworks, entrepreneurial skills, interpersonal and communication skills.

In SRMS College of Engineering Technology & Research , it is believed and practiced that excellence is a continuous process and in pursuit of which the institute has made deep forays into contributing world renowned technocrats, successful entrepreneurs, competent leaders, innovative scientists and researchers.

Dr. L. S. Maurya

Principal



Published by

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MESSAGE

From the Desk of DSW

Greetings of the day,

First of all, it brings me a feeling of immense pleasure to welcome all the students in the culturally rich vibrant campus of SRMS College of Engineering Technology and Research.

In the capacity of Dean Student Welfare, the student club works for the holistic development to enrich our students. All the activities are undertaken as a measure of prime concern for the growth of the students. At SRMS CET&R, we believe in developing human resources who uphold the core values of integrity, compassion and respect for others. SRMS CET&R establishes an environment where holistic learning can take place. Our programs are designed collaboratively with inputs from industry and academia.

Our institute is committed to promote academic excellence and socially relevant education and has made all efforts to meet the national and global standards. There are abundant educational opportunities and experiences in the institute that facilitate self-discovery, spiritual, emotional, social, intellectual and professional development for our students.

For the better understanding of the concepts, we invite industry professionals on a regular basis to interact with the students and share their knowledge and experience. This enables an excellent blend of theory and practice. Students engage in projects, consulting assignments etc. to further hone their understanding of the subject. There are multiple opportunities and avenues for co-curricular and extra-curricular activities leading to the holistic development of the individual.

The office of Dean Students Welfare functions as a hub of various activities that promote fraternity, cooperation, assimilation, accommodation, and unity among the students. To unleash the talent of our students, we meticulously work and promote physical activities, hobby clubs, and subject related societies, besides dealing with students' misconduct and other such irregularities to ensure discipline and safety of the students. In our global village, connectedness is everything. We are committed to both deepening existing collaboration and exploring new ties around the world.

I firmly believe that "If we want to overcome challenges, we need to change and change is the only permanent thing in this world".

Er. Ankit Khandelwal
DSW

HAPPENING AT THE COLLEGE

Coding Competition “Code Geeks” at SRMS CET&R

On **03 November 2022 (Thursday)**, Department of Computer Science and Engineering of **SRMS CET&R** organised a college level **Coding Competition “Code Geeks”** for all the students between 3:10 P.M. to 4:10 P.M. in Computer Lab of **SRMS CET&R**.

The winners of the competition are :

- **Harsh Vijay (2020)** – 1st Position
- **Mayank Chaudhary (2021)** – 2nd Position
- **Shivansh Bhatnagar (2021)** - 3rd Position

Participation certificates were given to all the participants to boost their morale.



Certificate Distribution

On **10 November 2022 (Thursday)**, while highlighting the importance of Specialization Subjects , Certificates of Specialization Subjects were given to students of all Batches by **Principal SRMS CET&R, Prof. (Dr.) L.S. Maurya** in CS Seminar Hall. During Certificate Distribution **HOD (Basic Science) , Mr. K. K. Agarwal , HOD (Computer Science & Engineering) Ms. Manvi Mishra** and all the Faculty Members were present.



HAPPENING AT THE COLLEGE

Technical Fest- TECHNOVAGANZA 2022

The Department of Computer Science and Engineering at Shri Ram Murti Smarak College of Engineering, Technology and Research (SRMS CET&R) in association with The Verve-Students' Club of institute organized One day State-Level Technical Fest- TECHNOVAGANZA-2022 on 23 November, 2022 (Wednesday) from 9:00 A.M to 4:00 P.M. The events of TECHNOVAGANZA-2022 were conducted in various Labs, Seminar Hall and Auditorium simultaneously in SRMS CET&R campus.

Various individual and team-based technical events like technology and computer- related quizzes, coding etc, were organised for all .

Events included in the program were:

➤ Individual Events

- APTEC Catechization- Technical Quiz for First Year
- Tech Whiz- Technical Quiz
- Web Battle- Web Designing
- App Mastery- Android App Development
- Ace the Media- Social Media Competition

➤ Team Events

- Code Sense- Coding Team Contest
- Scavenger Hunt- Riddles Searching Event
- Innovative Mind- Presenting Innovative, Unique Ideas

More than 500 students from various colleges including SRMS Trust institutions were wholeheartedly welcomed by SRMS CET&R and the students also participated with full zeal & enthusiasm. Fooding and Lodging facility was also provided to the outstation participants.

The Winners of the various Contests held during the events are :

➤ APTEC Catechization

- Saumya Gupta (SRMS CET) - 1st Position
- Ishika Agarwal (SRMS CETR) -2nd Position

- Priyansh Saxena (SRMS CET) – 3rd Position



HAPPENING AT THE COLLEGE

➤ Tech Whiz

- **Shekhar Singh (SRMS CETR) – 1st Position**
- **Abhinav Sharma (SRMS CETR) – 2nd Position**
- **Ekagra Verma (SRMS CET) – 3rd Position**

➤ Web Battle

- **Akshay Balyan (SRMS CET) – 1st Position**
- **Tasmiya Khan (SRMS CET) – 2nd Position**
- **Charu Jethwani (SRMS CETR)- 3rd Position**

➤ App Mastery

- **Naved Khan (SRMS CET) – 1st position**
- **Anubhav Singh (SRMS CETR) – 2nd Position**
- **Adnan Raza (SRMS CET)- 3rd Position**

➤ Ace The Media

- **Kripa Narayan (SRMS CETR) – 1st Position**
- **Mohd. Aamir (SRMS Nursing) - 2nd Position**
- **Mohd. Farhaan (SRMS CETR) -3rd Position**

➤ Code Sense

- 1) Team 11 --1st position
 - **Devansh Patel (SRMS CETR)**
 - **Ayush Dwivedi (SRMS CETR)**
- 2) Team 24 -- 2nd position
 - **Yash Agarwal (SRMS CET)**
 - **Prashant Kumar (SRMS CETR)**
- 3) Team 23 -- 3rd Position
 - **Aashish Maurya (SRMS CET)**
 - **Aditya Kumar (SRMS CET)**

➤ Scavenger Hunt

- 1) Team 1 -- 1st Position
 - **Arun Sharma (SRMS CETR)**
 - **Sarthak Bohra (SRMS CETR)**
- 2) Team 2 -- 2nd Position
 - **Sumit Mishra (SRMS CETR)**
 - **Utkarsh Jaiswal (SRMS CETR)**
- 3) Team 3 -- 3rd Position
 - **Aditya Srivastava (SRMS CETR)**
 - **Anju Yadav (SRMS CETR)**

➤ Innovative Mind

Team 5 – 1st Position

- **Tanisha (SRMS CET)**
- **Alshifa (SRMS CET)**
- **Akshay (SRMS CET)**

Team -- 2nd Position

- **Raj Sinha (SRMS CET)**
- **Mayank Chaurasia (SRMS CET)**
- **Saba Mazhar (SRMS CET)**

Team -- 3rd Position

- **Dharti Dubey (SRMS CET)**
- **Devesh Gangwar (SRMS CET)**
- **Mansi Agarwal (SRMS CET)**



HAPPENING AT THE COLLEGE

The event started with the welcome of the house by **MOC Ms. Ruchie Sah**. The inaugural session started with the lamp lighting ceremony by the Dignitaries followed by **Saraswati Vandana** and **Ganesh Vandana** by the students.

Trust Advisor: Er. Subhash Mehra and other Dignitaries were welcomed with saplings and badges respectively.

Principal SRMS CET&R, Dr. L.S. Maurya gave the Welcome address and **CSE Deptt. HOD, Er. Manvi Mishra** introduced the theme of **TECHNOVAGANZA -2022**.

The program continued with a video presentation and a robotic-themed dance performed by the students of **Verve Club**.

The session ended with the Presidential address by **Trust Advisor, Er. Subhash Mehra**, a senior member of the SRMS family.. The Vote of thanks was delivered by **Verve President, Ms. Tanisha Saxena**.

TECHNOVAGANZA-2022 concluded with the **Valedictory ceremony** which was attended by **Trust Secretary, Shri Aditya Murti** and other Dignitaries. As a token of gratitude, Sapling was presented to Shri Aditya Murti sir for his illuminating presence.

Er. Ankur Kumar (CS Department) presented the report of the event. **Trust Secretary, Shri Aditya Murti** along with other Dignitaries distributed prizes to the winners.

Certificates of Participation were given to all the participants in various events of **TECHNOVAGANZA-2022**

Joint Secretary, Mr. Prateek Nagaich shared the Student's Feedback about **TECHNOVAGANZA-2022**, which was an overwhelming response. The Presidential Address by **Shri Aditya Murti** included importance of maximum participation in such events for their holistic development. The **Principal** appreciated in his Vote Of Thanks, the efforts of all the coordinators and students and all the faculties in smooth conduction of the program. Inaugural Ceremony of the event concluded with the **National Anthem** by college choir.



HAPPENING AT THE COLLEGE



HAPPENING AT THE COLLEGE



Volleyball Match at SRMS CET&R

On 24 November 2022 (Thursday), Department of Computer Science & Engineering at SRMSCET&R, Bareilly organised a **Volleyball Match** in the volleyball court of the campus between 3:10 P.M to 4:10 P.M.

Two teams played the match.

TEAM 1 - 1st year & 3rd year students

TEAM 2 - 2nd year & 4th year students respectively.

Aaveg Club Coordinator Mr. Aman Deep Singh coordinated the event under the guidance of club faculty coordinator.

The energy displayed by the students was remarkable they all played the match with full skills and passion. There was also a cheerful audience to cheer the players. The event was a success in every respect. It was a great experience for the players and other students in audience.

The winners of the Volleyball competition are:

- **Vansh Mehrotra**
- **Shekhar**
- **Yash Sangwan**
- **Anuj Gangwar**
- **Mohd. Aquib**
- **Saurabh**

SRMS CET&R Heartily Congratulates all the winners and gave the Certificate of Appreciation to all the winners.



STUDENT CORNER

All Govt Employees Banned From Using VPN Services, 3rd Party Cloud Services Like Dropbox

The government has banned central government employees from using VPN and cloud services like Google Drive and Dropbox.

The directive has been issued by Indian Computer Emergency Response Team (Cert-In) and National Informatics Centre (NIC).

No cloud storage: Employees can no longer save any confidential government files on cloud services like Google Drive and Dropbox.

This is because Cloud services store data on the internet, and not on the internal memory of the data owner's devices.

No third-party apps: Employees have been instructed to not use third-party applications to scan government documents like CamScanner.. They may not 'root' or 'jailbreak' their devices.

No VPN services: unless..The rules set in by the Ministry of Electronics and Information Technology (Meity) are aimed at improving cybersecurity and protecting confidential information.

The Indian government has been critical of VPN services which it believes threatens the security of the country as they can be used by terrorist organizations and are not trackable.

Data centers and cloud service providers have been asked to store information such as names, email IDs, contact numbers, and IP addresses (among other things) of their customers for a period of five years.

VPN services pull servers from India Nord VPN said that it adheres to strict privacy policies.

Hence it does not collect or store customer data. No-logging features are embedded in its server architecture and are at the "core of its principles and standards."Further, it is committed to protecting the privacy of its customers.

Therefore, it can no longer keep servers in India.

Express VPN called the norms incompatible with the purpose of VPNs, which are designed to keep users' online activity private.

How will the new rules affect VPN users in India? Indian users may face a strict KYC verification process when signing up for a VPN service.

They may have to state their reason for using it. There is always a risk of users' privacy data exposed to the government.

Compiled By:

Vanshpreet Singh

B.Tech (Third Year) CS

Millions Of Android Smartphones Can Be Hacked Due To This Reason: Warning Issued By Google

A recent update by the technology behemoth Google Inc has disclosed a bug in Android devices. As per reports, the bug has been reported in one of the graphics processing units or GPUs inside the Android device.

Google's team of security analysts called the Project Zero team said that it did alert the chip designers about the bug in focus earlier.

The British semiconductor and software design company Arm, on getting intimation from Google's Project Zero team had fixed the vulnerabilities in the graphics processing units that led Android smartphones prone to getting hacked.

The Project Zero team of Google further said that some top global smartphone manufacturing giants like Samsung, Xiaomi, Oppo and Google did not deploy patches to fix the vulnerabilities produced by the bug.

"The vulnerabilities discussed are fixed by the upstream vendor, but at the time of publication, these fixes have not yet made it downstream to affected Android devices (including Pixel, Samsung, Oppo and others). Devices with a Mali GPU are currently vulnerable," said an analyst of the Project Zero team, Ian Beer.

From June 2022 to July 2022, researchers at the tech major Google discovered and reported five issues to ARM regarding bugs, which the British chipmaker resolved likely between July and August 2022.

The company disclosed them as ‘security issues’ on their Arm Mali Driver Vulnerabilities page (CVE-2022-36449), stated a report.

However, despite Arm fixing all the issues, Google said that it discovered all of its test devices that used Mali GPU were still vulnerable to the earlier-mentioned issues.

“CVE-2022-36449 is not mentioned in any downstream security bulletins,” Google cited. Companies need to remain vigilant, follow upstream sources closely and do their best to provide complete patches to users as soon as possible, it added.

The South Korean smartphone phone manufacturing giant has revealed that the company’s Snapdragon-powered handsets will not be affected by any of the aforementioned bugs.

Compiled By:
Tushar Gupta
B.Tech (Third Year) CS

Indian Startups Can Fire 60,000 Employees Due To Lack Of Funding; But Unicorns Will Rise To 200

The Indian startup culture is witnessing a duality-while more and more unicorns are expected to emerge, tens of thousands working in startups are left unemployed with mass layoffs happening every other day.

The ‘ASK Private Wealth Hurun India Future Unicorn Index 2022’ list names nearly 122 startups from 25 cities that are on the verge of becoming unicorns.

Unrelenting mass layoffs: On the flip side, the number of start-ups laying off employees en masse is also rising.

Nearly 12,000 startup employees have been shown the door to date, led by companies like Ola, Blinkit, BYJU’s (White Hat Jr, Toppr), Unacademy, Vedantu, Cars24, Mobile Premier League (MPL), Lido Learning, Mfine, Trel, farEye, Furlanco and more.

Industry experts predict that at least 50,000 more unfortunate souls will be sacked this year alone, all in the name of “restructuring and cost management” while certain startups keep receiving millions in fundings.

The future Anas Rahman Junaid, MD and Chief Researcher, Hurun India noted that there are “concerns” in the world economy that can hit the valuations and capital raising ability of Indian startups.

He believes that layoffs and cost-cutting measures could be a “blip” in the growth story in the short run.

But the long-term potential of the Indian start-up ecosystem remains “excellent and resilient”.

Most valuable unicorn also guilty: Earlier this week BYJU’s, India’s most valuable startup, cut more than 600 jobs.

300 of those employees worked at its Toppr learning platform and another 300 at coding platform WhiteHatJr, both of which have been acquired by the edtech major.

The edtech sector has been hit particularly hard by the global macroeconomic conditions and reopening of schools, colleges and physical tuition centres after years of strong growth.

Types of start ups:The Hurun list has categorized three different types of startups.

- Would-be unicorns (those founded after 2000 and valued at least \$1 billion)
- Gazelles (those most likely to become unicorns in two years)
- Cheetahs (start-ups that could go unicorn in four years)

Cities housing the most: It has predicted that India would have 122 new unicorns in the next two to four years.

They come from 25 cities with Bengaluru leading the pack with 46 unicorns.

Delhi-NCR and Mumbai are in the second and third spots, with 25 and 16 unicorns.

Service/goods:

A majority of the prospective unicorns sell software and services and only 17 per cent sell physical goods.

37 per cent are business-to-business sellers, while 63 per cent are consumer-facing.

The tally According to the latest report, India has 84 unicorns, 51 Gazelles, and 71 Cheetahs.

In the 2021 index the tally stood at 51 unicorns, 32 Gazelles, and 54 Cheetahs.

As many as 17 Gazelles and 7 Cheetahs, from last year's index, hit unicorn valuation this year.

Compiled By:

*Mohd. Sartaj Raza Khan
B.Tech (Third Year) CS*

This New Battery Will Enable Electric Cars To Run 1000 Kms In Single Charge!

Chinese company Contemporary Amperex Technology Co Ltd (CATL) has developed a battery that gives EVs a driving range of over 1,000 km or 621 miles on a single charge.

About the company: The company is China's leading automotive lithium-ion battery maker.

Tesla, Volkswagen, BMW, and Nio are among the companies for which CATL supplies batteries.

Arriving next year: The battery, named Qilin, has a record-breaking volume utilisation efficiency of 72 percent and an energy density of up to 255 Wh/kg, giving it the highest integration level in the world so far.

The name Qilin comes from a legendary creature in Chinese mythology.

These batteries are expected to go into mass production and arrive on the market in 2023.

The technology:

The battery is part of the third generation of cell-to-pack (CTP) technology which, by directly integrating cells into packs without modules, improves system energy density, simplifies manufacturing and helps reduce costs.

It also delivers 13 percent more power than the 4680 battery, thereby accomplishing improvements in service life, safety, charging speeds and low-temperature performance.

The product's full-life-cycle reliability and resistance to shock and vibration are improved by the integrated energy unit. This unit comprises the cell and a multifunctional elastic interlayer.

USPs:

The battery boasts of thermal stability and safety.

The CTP 3.0 battery satisfies the criteria of safety tests required by national standards, such as the bollard test.

As a result it is compatible with materials of higher energy density in product upgrades. In extreme circumstances, the cell can be cooled rapidly, thus preventing abnormal thermal conduction between cells.

Compiled By:

*Shivam Pandey
B.Tech (Second Year) CS*

BLUETOWN LOCAL CLOUD

At no data cost to the user, BLUETOWN LOCAL CLOUD provides access to digital content and services.

Key Features

BLUETOWN LOCAL CLOUD provides easy access to digital content and services at no data cost to the end-users. The system works by letting digital content providers upload content to a central server, from where the content is distributed to local servers in the target locations. End-users access the local servers by accessing Wi-Fi internet hotspots in their communities to consume the content they wish – data free.

End-users benefit by getting easy access to information and knowledge, from health and learning to agriculture, entertainment, and local news, incurring no data cost for consuming the content and reassurance that their favorite content is always available at high-speed even if the internet connection is interrupted or has capacity issues.

For content partners, the LOCAL CLOUD removes barriers to reach rural populations in a quick and easy way, lowering transactions cost of activating content, reducing the necessity of physical presence in remote areas to broadcast campaigns, and provides intelligent content distribution to target groups with data statistics and analytics.

Social Impact

BLUETOWN operates in underserved communities that lack access to affordable internet. A significant share of potential users in these communities have limited ICT skills and lack information on the digital products and services that can be accessed using the internet, which ultimately limits their potential benefits from services.

Leveraging this digital divide in its target communities, BLUETOWN installs solar-powered connectivity infrastructure (i.e. Wi-Fi internet hotspots) and offers affordable data bundles priced at less than 2% of the average monthly income for each gigabyte. BLUETOWN upskills local retailers to become micro-operators by training them to build ICT capacity among their peers. This is achieved through informal trainings, which include analyzing and showcasing relevant local connectivity use cases. In addition to internet access, BLUETOWN makes local digital content and services available on its Local Cloud platform. The platform enables users to access digital content and services, such as eLearning courses, agricultural training videos, critical health information and selected ‘edutainment’ content.

BLUETOWN’s activities in these communities lead to higher adoption rates of connectivity services across demographics (i.e. across gender, educational level, profession, and age). This improves access to information, digital products and value-added-services within education, health, finance, agriculture, commercial activities, and government services. As BLUETOWN infrastructure is solar-powered, the communities avoid carbon emissions, and air pollution that would otherwise be emitted by diesel generators.

In the long run, BLUETOWN contributes to bridging digital divides and ultimately improve the standard of living in its target communities.

Future Plans

Since 2014, BLUETOWN has provided internet access to more than a million people in communities across Ghana, Rwanda, Mozambique, and Tanzania, and to four Indian states. The company has planned installations in Ghana, India, Nigeria, and Brazil that will cover more than 5 million people in 2023. Moreover, we are working to further improve our product in collaboration with the biggest technology companies in the world and to include more content providers to our LOCAL CLOUD and bring new digital services to our platform.

FACULTY ARENA

Main Target Group

Our customers are also our users, meaning they are inhabitants in low-income rural communities in the Global South. Our key partners for the LOCAL CLOUD are organizations with impactful content targeted at the same segments but want to expand their reach regarding content and/or digital services.

Main User

The users of our service are inhabitants of low-income communities in the Global South.

Compiled By:

Mr. Arun Kumar Sahu
Assistant Professor

Two days we should not worry

There are two days in every week about which we should not worry. Two days which should be kept free from fear and apprehension?

One of these days is yesterday with all its mistakes and cares.

Its faults and blunders, its aches and pains. Yesterday is passed forever beyond our control. All the money in the world cannot bring back yesterday. We cannot undo a single act we performed. We cannot erase a single word we said. Yesterday is gone forever; the other day we should not worry about is tomorrow. With all its possible adversities, its burdens, its large promise and its poor performance. Tomorrow is also beyond our immediate control. Tomorrow's Sun will rise, either in splendor or behind a mask of clouds, but it will rise. Until it does, we have no stake in tomorrow. For it is yet to be born. Thus leaves only one day, today. Any person can fight the battle of just one day. It is when you and I add the burden of these two awful eternities. Yesterday and tomorrow break us down.

It is not the experience of today that drives a person mad, it is the remorse or bitterness of something. Which happened yesterday and the dread of what tomorrow may bring?

“Always keep smiling and be happy. Life is too small to complain.”

Compiled By:

Umesh Kumar
Lab Instructor

Value yourself

A speaker started off his seminar by showing a \$20 to the public. He asked the people “who wants this?” There was no surprise to see that all of them lifted their hands. He offered to give the money to one of them but insisted that he will do something to it.

He crumpled the paper money and showed it again to the crowd and repeated the question. Still, everyone raised the hands. He then put the money into the ground and stepped on it and then raised it again and offered it to the public.

The people gathered there still showed interest to take that money despite seeing how dirty the note was. He told the public” No matter what I did to this money, you all still wanted this.

You all went in favor of my offer just because the value of the money never decreased despite what all I did to it. Similarly, value yourself despite the painful conditions or failures”.

Moral: Believe in yourself and work hard to achieve success. Value yourself irrespective of the failures or obstacles and don't degrade yourself just because of the temporary setbacks.

Compiled By:

Sachin Verma
Lab Instructor

HEALTH TIPS

- *Avoid ultra-processed foods*
- *Find Ways to Manage Your Emotions*
- *Chase persistence, not perfection*
- *Don't rush the rinse*
- *Get on the move, make it a habit!*

AYURVED

शरीर को रोगों का घर कहा गया है—“शरीरं व्याधि मन्दिरम्।” इसी के निवारण के लिए आयुर्वेद, योग आदि का प्रावधान है। यह शास्त्रोक्त मान्यता है कि शरीर की व्याधि का मूलकारण मानसिक आधि—मनोरोग, आवेग, तनाव आदि हैं। इसलिए आयुर्वेद अकेला नहीं, योग के साथ प्रयुक्त किया जाता है। अव्यवस्थित चित्त को योग द्वारा ही ठीक किया जा सकता है। यदि साधारण मानव भी मन को संयमित करके आसन, प्राणायाम, प्रत्याहार, ध्यान आदि योगाङ्गों का अभ्यास आरंभ कर दे, तो वह भी थोड़े दिनों में स्वयं को स्वस्थ अनुभव करने लगेगा। पातंजलि योगसूत्र में एक सूत्र है—

कण्ठकूपे क्षुत्पिपासानिवृत्तिः (३/३०)

कंठकूपों—छिद्रों में संयम करने से भूख-प्यास भी रोकी जा सकती है, पर योग उसका भी विधान देता है। जाते लाग न क्षुधा पिपासा। अतुलित बल तनु तेज प्रकासा ॥ (१/२०९/७-८) के माध्यम से गोस्वामी जी 'श्रीरामचरितमानस' में उस योगाभ्यास की बात करते हैं, जो महर्षि विश्वामित्र ने राम-लक्ष्मण से संपन्न कराया था। धन्य हैं हमारे शास्त्र, विलक्षण है उनकी महिमा!

अखंड ज्योति अप्रैल २००९

MOTIVATIONAL STORY

थॉमस अल्वा एडीशन

विश्व विख्यात वैज्ञानिक-आविष्कारक थॉमस अल्वा एडीशन ने जीवनभर एकनिष्ठ भाव से आविष्कारों में रुचि ली और अपनी समूची तत्परता उसी एक काम में लगाई। ग्रामोफोन, टेपरिकॉर्डर, चलचित्र, कैमरा, बिजली के बल्ब जैसे छोटे-बड़े असंख्य आविष्कारों का उनका अपना कीर्तिमान है। दूसरा कोई भी अभी तक इतने प्रकार के, इतने महत्त्वपूर्ण काम नहीं कर सका है।

एडीशन बचपन से ही बहरे हो गए थे, लेकिन इसका उन्होंने कभी दुःख नहीं माना, वरन इस कमी को ईश्वरीय वरदान कहते रहे। उनका कहना था कि दूसरे लोग बेकार की गप्पबाजी में अपना समय गुजारते हैं। मुझे ऐसी बरबादी का सामना नहीं करना पड़ता। वह समय, मैं सोचने और पढ़ने में लगाता रहता हूँ। यदि दूसरों की तरह मेरे भी कान खुले होते तो, इतना न कर पाता, जो कर पाया हूँ। एडीशन ने छोटे कामों में भी कभी हेठी अनुभव नहीं की। वे हर काम को प्रतिष्ठा का प्रश्न बनाकर उसे सही, पूरा और शानदार स्तर का बनाने का प्रयत्न करते थे। रेलवे डिब्बों में सब्जी बेचना, अखबार बेचना, तार बाँटना जैसे अनेक छोटे काम उन्हें अपने आरंभिक दिनों में करने पड़े, पर इसमें कभी हीनता का अनुभव नहीं किया। उनसे हर काम को इज्जत का और हर अवसर को महत्त्वपूर्ण शिक्षण का अवसर माना एवं साधना मानकर संपादित किया।

अखंड ज्योति दिसम्बर २००४

SEQUENCE PUZZLE

- Find a number with its letters in alphabetical order.

Example: "five" has "fiv" in alphabetical order, but not "e".

Solution:

Forty

It is the only number we know of in English with its letters in alphabetical order. And that is the correct spelling.

Examples from other languages:

In Spanish there is Dos (2)

In French there is Deux (2), Cinq (5), Dix (10), Cent (100)

In German there is Eins (1)

DO YOU KNOW

Q:1. When Amazon started extending its services as cloud?

- 1.1969
- 2.1999
- 3.2003
- 4.2006

Answer- 4. 2006

Q:2. The term _____ refers to a Network or Internet.

- 1.Cloud Computing
- 2.Cloud
- 3.Computing
- 4.Grid

Answer- 2. Cloud

Q:3. What is the name of Microsoft cloud services?

- 1.AWS
- 2.AZURE
- 3.SharePoint
- 4.Dallas

Answer- 2. AZURE

Q:4. With exponential growth of Data, the network become _____.

- 1.Fast
- 2.Bottleneck
- 3.Slow
- 4.SMART

Answer- 1. Fast

Q:5. Cloud Computing also known as _____.

- 1.On-Demand Computing
- 2.Grid Computing
- 3.SMART Computing
- 4.Edge Computing

Answer 1. On-Demand Computing

Q:6. Which of the following is Cloud Platform by Amazon?

- 1.Azure
- 2.AWS
- 3.Cloudera
- 4.All of the above

Answer 2. AWS

Q:7. Which of the following is the deployment model?

- 1.Public
- 2.Private
- 3.Hybrid
- 4.All of the above

Answer: 4. All of the above

Q:8. _____ will play an important role in simplifying cloud architecture.





- 1.Blockchain
- 2.IoT
- 3.Automation
- 4.None of the above


Answer: 3.Automation

CONGRATULATIONS

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“I have not failed. I've just found 10,000 ways that won't work.”

— Thomas A. Edison

“There are only two ways to live your life. One is as though nothing is a miracle. The other is as though everything is a miracle.”

— Albert Einstein