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Gujarati Linguistic Minority Institution

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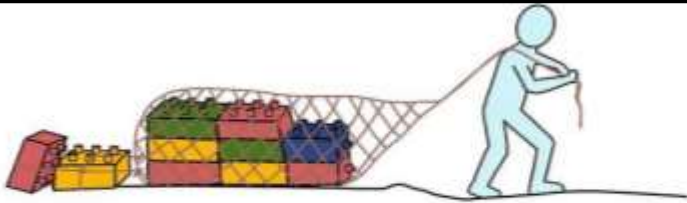
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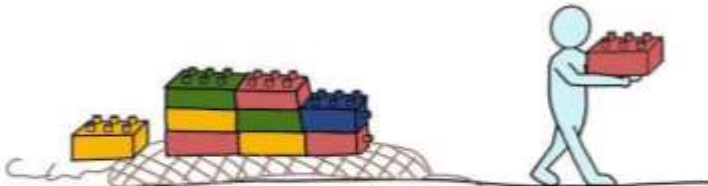


Department of Information Technology

## #SATYAVACHAN



IF YOU CAN'T DO IT ALTOGETHER



IT'S OKAY TO DO ONE STEP AT A TIME

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Staff Coordinators:

- Mrs. Sanketi Raut

- Mr. Akshay Agrawal

## **Samsung sued for using an algorithm that predicts smartphone battery life**

A patent troll has filed a lawsuit against Samsung for using an algorithm that forecasts the remaining battery life on its Android handsets. K. Mizra LLC has filed a lawsuit against the corporation.

A patent troll is just a word used to describe a business that obtains and gathers patents. Rather than employing the technologies specified in the patents, these firms make money through "aggressive" litigation and legal fights based on patents, the report cited.

K. Mizra now alleges that Samsung infringed on a patent linked to smartphone battery technology. K. Mizra's "battery runtime prediction as implemented in Samsung smartphones utilizing younger versions of the Android OS breaches the German designation of its patent EP 2 174 201 B1," as per the allegation.

In other words, the corporation infringed on a patent that specifies an algorithm that analyses users' behaviors to estimate how long the smartphone's battery would last. This also allows the smartphone to provide a more accurate battery life estimate. As a result, K. Mizra argues that this Android-based functionality on Samsung Galaxy handsets is based on its patents.

**Source:** <https://content.techgig.com/gadgets/samsung-sued-for-using-an-algorithm-that-predicts-smartphone-battery-life/articleshow/92146886.cms>

**- MR. AKSHAY AGRAWAL  
(Assistant Professor)**

## **Yoga benefits beyond the mat**

Yoga, an ancient practice and meditation, has become increasingly popular in today's busy society. For many people, yoga provides a retreat from their chaotic and busy lives. This is true whether you're practicing downward facing dog posture on a mat in your bedroom, in an ashram in India or even in New York City's Times Square. Yoga provides many other mental and physical benefits. Some of these extend to the kitchen table.

### **Types of yoga:**

There are many types of yoga. Hatha (a combination of many styles) is one of the most popular styles. It is a more physical type of yoga rather than a still, meditative form. Hatha yoga focuses on pranayamas (breath-controlled exercises). These are followed by a series of asanas (yoga postures), which end with savasana (a resting period).

The goal during yoga practice is to challenge yourself physically, but not to feel overwhelmed. At this "edge," the focus is on your breath while your mind is accepting and calm.

## **A better body image**

Yoga develops inner awareness. It focuses your attention on your body's abilities at the present moment. It helps develop breath and strength of mind and body. It's not about physical appearance.

Yoga studios typically don't have mirrors. This is so people can focus their awareness inward rather than how a pose — or the people around them — looks. Surveys have found that those who practiced yoga were more aware of their bodies than people who didn't practice yoga. They were also more satisfied with and less critical of their bodies. For these reasons, yoga has become an integral part in the treatment of eating disorders and programs that promote positive body image and self-esteem.

## **Becoming a mindful eater**

Mindfulness refers to focusing your attention on what you are experiencing in the present moment without judging yourself.

Practicing yoga has been shown to increase mindfulness not just in class, but in other areas of a person's life.

Researchers describe mindful eating as a nonjudgmental awareness of the physical and emotional sensations associated with eating. They developed a questionnaire to measure mindful eating using these behaviors:

Eating even when full (disinhibition)

Being aware of how food looks, tastes and smells

Eating in response to environmental cues, such as the sight or smell of food

Eating when sad or stressed (emotional eating)

Eating when distracted by other things

The researchers found that people who practiced yoga were more mindful eaters according to their scores. Both years of yoga practice and number of minutes of practice per week were associated with better mindful eating scores. Practicing yoga helps you be more aware how your body feels. This heightened awareness can carry over to mealtime as you savor each bite or sip, and note how food smells, tastes and feels in your mouth.

## **A boost to weight loss and maintenance**

People who practice yoga and are mindful eaters are more in tune with their bodies. They may be more sensitive to hunger cues and feelings of fullness.

Researchers found that people who practiced yoga for at least 30 minutes once a week for at least four years, gained less weight during middle adulthood. People who were overweight actually lost

weight. Overall, those who practiced yoga had lower body mass indexes (BMIs) compared with those who did not practice yoga. Researchers attributed this to mindfulness. Mindful eating can lead to a more positive relationship with food and eating.

### **Enhancing fitness**

Yoga is known for its ability to soothe tension and anxiety in the mind and body. But it can also have an impact on a person's exercise capacity.

Researchers studied a small group of sedentary individuals who had not practiced yoga before. After eight weeks of practicing yoga at least twice a week for a total of 180 minutes, participants had greater muscle strength and endurance, flexibility and cardio-respiratory fitness.

### **Cardiovascular benefits**

Several small studies have found yoga to have a positive effect on cardiovascular risk factors: It helped lower blood pressure in people who have hypertension. It's likely that the yoga restores "baroreceptor sensitivity." This helps the body senses imbalances in blood pressure and maintain balance.

Another study found that practicing yoga improved lipid profiles in healthy patients as well as patients with known coronary artery disease. It also lowered excessive blood sugar levels in people with non-insulin dependent diabetes and reduced their need for medications. Yoga is now being included in many cardiac rehabilitation programs due to its cardiovascular and stress-relieving benefits.

Before you start a new exercise program, be sure to check with your doctor.

Researchers are also studying if yoga can help people with depression and arthritis, and improve survival from cancer.

Yoga may help bring calm and mindfulness to your busy life. Find registered yoga teachers (RYT) and studios (RYS) through The Yoga Alliance.

Namaste.

*Source:* <https://www.health.harvard.edu/staying-healthy/yoga-benefits-beyond-the-mat>

- **MS. MUDRA DOSHI**  
**(Assistant Professor)**

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## **TCS announces internship for computer science students**

Tata Consultancy Services (TCS) is now accepting applications for internships in computer science research. More information on applying for the internship can be found here.

**Eligibility Criteria:** Students and researchers who are pursuing a Ph.D., MS, M.Tech, or are in their final year of BE or B Tech and have an aptitude for research in any area of computer science are eligible to apply.

**How to Apply:** Interested applicants should visit the company's official website.

**Internship Duration:** Depending on the circumstances, internships can last anywhere from six to eight weeks for short-duration internships to 16 to 18 weeks for long-duration internships.

**Responsibilities:**

- Assets for R&D should be produced.
- Determine problems using research and create remedies for them.
- Using information from the industry, develop prototype solutions.
- publish study papers in renowned journals and conferences
- Implementation of research
- To identify opportunities and challenges, review the literature.
- Learning and Development
- Learn about the newest technology and trends in industry research.
- Describe the challenges addressed by applied research.
- Clearly state the problems under consideration and craft methodical answers.

**Source:** <https://mail.google.com/mail/u/0/#trash/FMfcgzGpGdlgWMqHRSLfQFPgScgJgVkB>

- MR. AKSHAY AGRAWAL  
(Assistant Professor)

Congratulations to all placed students

Name	company
Hritik Yadav	Qspider
Divvy Rambhia	Qspider
Tushar Thorat	Qspider
Harshika Parmar	Qspider
Ritvik Parikh	Qspider
Shaili Shah	Qspider

**Announcement...!!!**

**AYOS 2022-2023 is commencing from 11<sup>th</sup> July, 2022 for T.E. & B.E. students and 18<sup>th</sup> July, 2022 for S.E. students**



## July 1, 2022- Doctors' Day (India)

Every year India celebrates Doctor's Day on July 1<sup>st</sup> commemorating the great physician, freedom fighter and politician Dr. Bidhan Chandra Roy. This day marks his birth anniversary and incidentally he died on the same date as well (different year though). To honor him and all the doctors who put our life before theirs, this day began to be observed as Doctors' Day.

## July 7, 2022- World Chocolate Day

World Chocolate Day or International Chocolate Day or simply Chocolate Day is observed every year on 7<sup>th</sup> of July. To celebrate this day, people prepare different items from chocolate and sit back and enjoy the delectable taste of chocolate.

## July 17, 2022- World Day for International Justice

Also called as Day of International Criminal Justice or International Justice Day, World Day for International Justice is observed globally on July 17. Many events are organized on this day to promote international criminal justice

## July 26, 2022- Kargil Vijay Diwas (Kargil Victory Day)

26<sup>th</sup> of July marks the victory of Indian army over Pakistan in the Kargil War fought from May to July 1999. On this day, India was able to successfully gain control of the high outposts which was taken over by Pakistan through incorrect means.

## July 29, 2022- International Tiger Day

To raise awareness against decreasing population of tigers and how to conserve them, International Tiger Day is celebrated annually on 29 July. This day is observed all around the world and many events based on conservation of tigers are organized for celebrating it.

Source: <https://www.edudwar.com/important-days-in-july/>

Scan for previous edition



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