

SKCT DIGEST

INSIDE THE ISSUE



HAPPY NEWS



KNOWLEDGE UPDATE

INTERESTING ENGINEERING

DID YOU KNOW???

OUTREACH HEALTH TIPS

MOTIVATIONAL ZONE

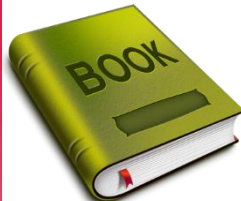
MEETINGS & DISCUSSIONS

RESEARCH

**AWARENESS
CORNER**

EDITOR - IN - CHIEF
Dr.Srinivasan Alavandar
PRINCIPAL

CO-EDITORS
Dr P Manju, ICE,
Dr T Rajesh Kumar, IT
Mr N Karthikeyan, SoM
Ms R Kalpanasonika, CSE



REVIEW

AKHBAAR



digestfeedback@skct.edu.in



<https://www.facebook.com/skctofficial/>



[@skctdigest](https://twitter.com/skctdigest)

KNOWLEDGE UPDATE



IT Department - Dr. G. M. Tamilselvan, HoD/IT, attended ISRO space Exhibition-2019 held at Gobi Arts and Science College, Gobichettipalayam



EDC cell - ECE Department
- In association with NST EDB EAC CAMP SCHEDULE, EDC cell of ECE Department has conducted a seminar on "Success stories of Entrepreneurs". Mr.K.Gunasekaran, Director of ECAPS, Coimbatore addressed the gathering and shared his experience with an inspirational speech

HAPPY NEWS



Mechanical Department- 34 students of Team Ignitors have won the following prizes in Rally Car Design Challenge buggy event took place at Bikaner, Rajasthan .
1st prize in Endurance Category, 1st prize in Overall Acceleration Category 2nd prize in Static Endurance category. Faculty Mentor: Mr.S.Santhosh Kumar



Mechanical Department - Team Phantom won the following prizes in RCDC Quadbike event took place at Bikaner, Rajasthan.
Overall winner for Quadbike Category - 1st Prize, 1st Prize in Acceleration Category, 1st Prize in CAE Category, 1st Prize in Manuverability, 1st Prize in overall static Category, 2nd Prize in overall dynamic category . Faculty mentor: Mr. S. Santhosh Kumar

RESEARCH

CSE Department – A Patent titled "Drones in Agriculture-PEST detection using open Cv" was filed on 01.10.2019.

Inventors: Faculty Members: Ms. R. Sujatha, Dr. A. Balamurugan, Dr. S. Siamala Devi, Ms. Kavitha Margret, Mr. P. Arun Karthick (Mech), Mr. P. Aravindh Kumar(Mech), Mr. Ram kumar(Mech) **Students:** MAD Club students- Mr. Sathish(III CSE C) , Mr. Akash T.(II CSE A) , Mr.Midhun Raaj S.(II CSE B) , Mr.Kiruthick R.(II CSE B), Mr.Naveen Prasad S.(II CSE B) , Mr. Ramkumar K.(II Mech C)

MEETINGS & DISCUSSIONS



IT Department – The HoD conducted a meeting regarding NBA preparation, Final year non-Placed students Action Plan, NIRF ranking, Curriculum revamping, Research Progress and Governing body meeting

OUTREACH



EDC cell - ECE Department - In association with NST EDB EAC CAMP SCHEDULE, EDC cell of ECE Department organized an industrial visit to "SPARKLND PLASTIC", Coimbatore

AKHBAAR

NATIONAL NEWS:

- ⇒ *Rajnath receives first Rafale- The Hindu*
- ⇒ *India, China ties are of global significance: envoy-The Hindu*
- ⇒ *Monuments to remain shut for public during Modi-Xi Jinping summit- The Hindu*
- ⇒ *The Hindu invites readers to recommend habits for Coimbatore- The Hindu*
- ⇒ *Online version of journal launched- The Hindu*
- ⇒ *IFGTB celebrates Wildlife Week- The Hindu*
- ⇒ *Five years Swachh Bharat Mission- a story of lost opportunity for Coimbatore- The Hindu*
- ⇒ *Three-tier security put in place for Modi-Xi summit- The Hindu*
- ⇒ *Horticulture Department in Ooty planning to go local for carnations- The Hindu*
- ⇒ *Bhopal gas tragedy survivors left in the lurch as aid funds dry up- The Hindu*
- ⇒ *India to work with China, Pakistan to gauge impact of climate change- The Hindu*
- ⇒ *China changes tack on Kashmir- The Hindu*
- ⇒ *Kashmir curbs 'devastating' says U.S. House Committee -- The Hindu*
- ⇒ *Balakot pilots steer Air Force Day fly-past-- The Hindu*
- ⇒ *Statue of unity set to host PM's event- The Hindu*
- ⇒ *'Lynching is a Western plot to defame India' - The Indian Express*
- ⇒ *Balakot changed govt handling of terror attacks: IAF chief- The Indian Express*

INTERNATIONAL NEWS:

- ⇒ *Loyalists slam Trump over Syria troops pullout move-The Hindu*
- ⇒ *Stargazers win physics Nobel-The Hindu*
- ⇒ *Medicine Nobel for trio-The Hindu*
- ⇒ *Sri Lanka to see its longest ballot paper-The Hindu*
- ⇒ *U.S. blacklists 28 Chinese firms for 'rights violations' -The Hindu*

BUSINESS:

- ⇒ *FPI flows stay muted post tax rate cuts-The Hindu*
- ⇒ *'Time to have separate deposit insurance for SB, FD accounts'-The Hindu*
- ⇒ *Govt. unveils faceless I-T assessment, opens National e-Assessment Centre-The Hindu*
- ⇒ *Textile industry seeks steps to boost exports-The Hindu*
- ⇒ *'India contributed to post-blast economic recovery in Lanka'-The Hindu*
- ⇒ *Sundaram Home may tone down fundraising-The Hindu*

SPORTS NEWS:

- ⇒ *Rohit cut out to open, says Shastri-The Hindu*
- ⇒ *Our bowlers pretty good at reverse swing, says Arun-The Hindu*
- ⇒ *Confident India ready for the ODIs-The Hindu*
- ⇒ *Tendulkar's fangirl has arrived with a bang-The Hindu*
- ⇒ *Indians look to give it all on the home-stretch-The Hindu*
- ⇒ *Mary Kom in last eight ; Saweety bows out-The Hindu*
- ⇒ *A Sachin shocker for Manish Panwar-The Hindu*
- ⇒ *Marinetti clinches G.Sudhakar Reddy Memorial Cup-The Hindu*

INTERESTING ENGINEERING

Smarter fertilizers



Recent improvements in fertilizers have focused on their ability to slowly release nutrients when needed. However, they still contain ammonia, urea and potash which damage the environment. New fertilizers use more ecologically friendly sources of nitrogen, and microorganisms that improve take-up by plants.

HEALTH TIPS

Problem of low BP is dangerous, know its symptoms and ways to deal with it

The problem of blood pressure is often heard, but it is common to have high blood pressure problems which are also easy to recognize the symptoms but less people know about low blood pressure. While the reality is that a large number of people in the world suffer from low BP problem. But since they do not know about its symptoms, they ignore it as normal dizziness. If the problem of low BP becomes severe, then oxygen and essential nutrients reaching the brain are hindered, so the problem of low BP should not be taken lightly.

The best way to deal with the problem of low BP is to keep yourself hydrated. Yes, it is very important that water is not cut down in order to make the body work better. If you are among those whose body becomes dehydrated very quickly, then you should do something for it. If most of your work is outdoors, then you should keep a water bottle near you and drink beverages like lemonade so that you do not feel weakness. Also, it is also considered that if you are pregnant then it is more likely that your blood pressure will be lowered. Although it is normal to have a slight decrease of BP during pregnancy, but if this happens often then you should get your checkup done immediately.

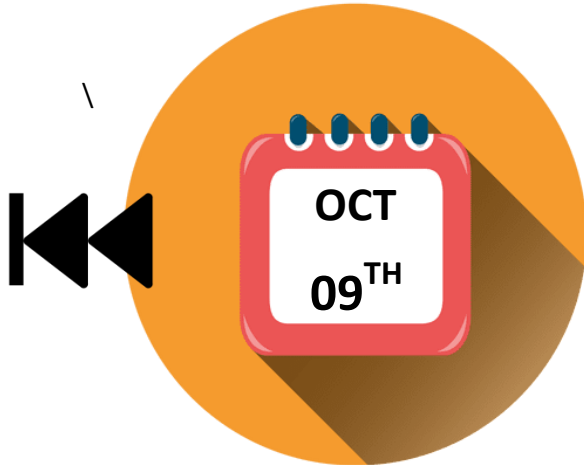
The problem of low blood pressure can also occur in some diseases related to the heart, that the blood in the body is not properly circulated and blood pressure is lowered. If the body lacks some essential nutrients like vitamin B-12 or iron, then the person becomes the victim of anemia, which can also cause low blood pressure problems. But salt can help you in low blood pressure. But do consult your doctor before increasing salt intake or eating salty things.

Today we are going to share with you the best and home remedies to deal with low blood pressure, as if you are constantly feeling dizzy then increase the amount of water. Water, anyway, is essential for better body execution and dehydration can be avoided by drinking more water. Drink 1 cup of raw beetroot juice at least 2 times a day. This is the best home remedy for low blood pressure treatment. If BP is low, then you can drink 1 cup of strong black coffee. It will also make you feel better. Simultaneously make almond paste and drink it with lukewarm milk. This will also solve the problem of low blood pressure.

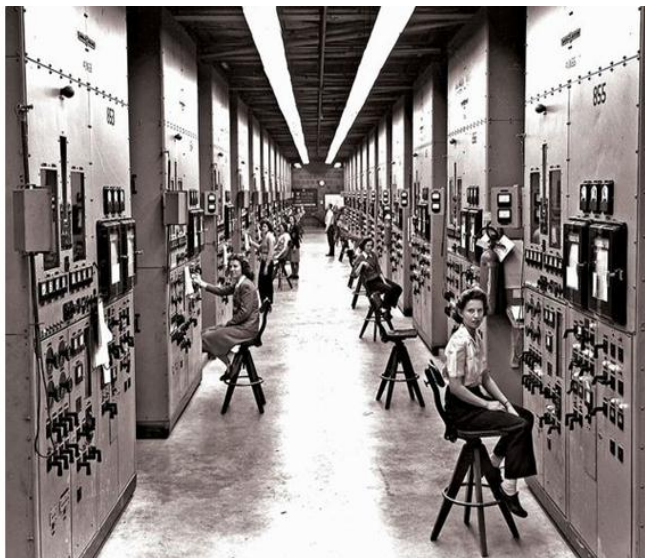


MOTIVATIONAL ZONE

DON'T LIMIT YOUR CHALLENGES. CHALLENGE YOUR LIMITS.



DID YOU KNOW???



'Calutron Girls' monitoring a mass spectrometer during the Manhattan Project.

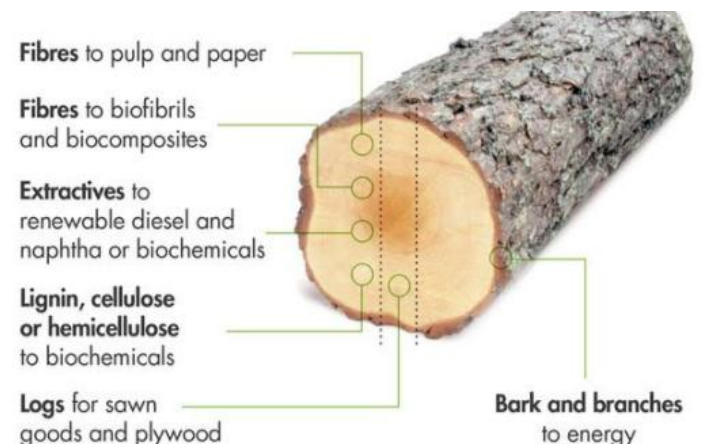


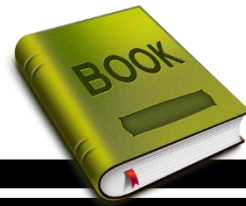
AWARENESS CORNER

1936 Hoover Dam begins transmitting electricity to Los Angeles

1941 US President Franklin D. Roosevelt approves an atomic program that would become the Manhattan Project

2012 Women's rights and education activist Malala Yousafzai is shot three times by a Taliban gunman as she tried to board her school bus in Swat district of northwest Pakistan





Fall, or Dodge in Hell

Neal Stephenson

The #1 New York Times bestselling author of *Seveneves*, *Anathem*, *Reamde*, and *Cryptonomicon* returns with a wildly inventive and entertaining science fiction thriller—*Paradise Lost* by way of Phillip K. Dick—that unfolds in the near future, in parallel worlds.

In his youth, Richard “Dodge” Forthrast founded Corporation 9592, a gaming company that made him a multibillionaire. Now in his middle years, Dodge appreciates his comfortable, unencumbered life, managing his myriad business interests, and spending time with his beloved niece Zula and her young daughter, Sophia

.One beautiful autumn day, while he undergoes a routine medical procedure, something goes irrevocably wrong. Dodge is pronounced brain dead and put on life support, leaving his stunned family and close friends with difficult decisions. Long ago, when a much younger Dodge drew up his will, he directed that his body be given to a cryonics company now owned by enigmatic tech entrepreneur Elmo Shepherd. Legally bound to follow the directive despite their misgivings, Dodge’s family has his brain scanned and its data structures uploaded and stored in the cloud, until it can eventually be revived. In the coming years, technology allows Dodge’s brain to be turned back on. It is an achievement that is nothing less than the disruption of death itself. An eternal afterlife—the Bitworld—is created, in which humans continue to exist as digital souls. But this brave new immortal world is not the Utopia it might first seem . . .

Fall, or Dodge in Hell is pure, unadulterated fun: a grand drama of analog and digital, man and machine, angels and demons, gods and followers, the finite and the eternal. In this exhilarating epic, Neal Stephenson raises profound existential questions and touches on the revolutionary breakthroughs that are transforming our future. Combining the technological, philosophical, and spiritual in one grand myth, he delivers a mind-blowing speculative literary saga for the modern age.