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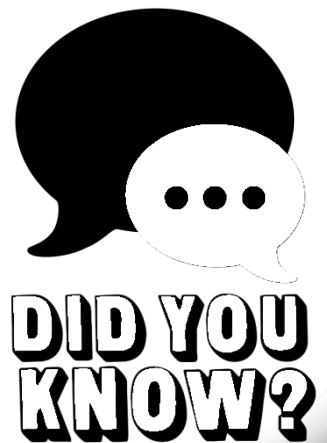
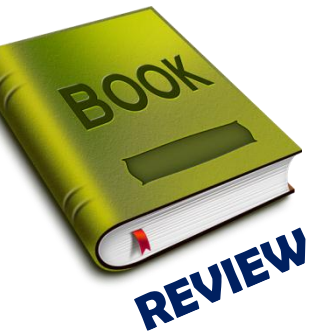
# DIGEST



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AKHBAAR

MEETINGS &  
DISCUSSIONS



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## ACTIVITIES



**S&H Department** - Dr. Nancy Kurian, Psychologist addressed the I year B.E. Mechanical A and B section students. She motivated the students and spoke on self realization and sense of belongingness to the campus.

**CSE Department** - WIPRO PRP MILESTONE 1 was conducted and it was coordinated by T.Sangeetha , AP/IT, J.Beschi Raja, AP/CSE



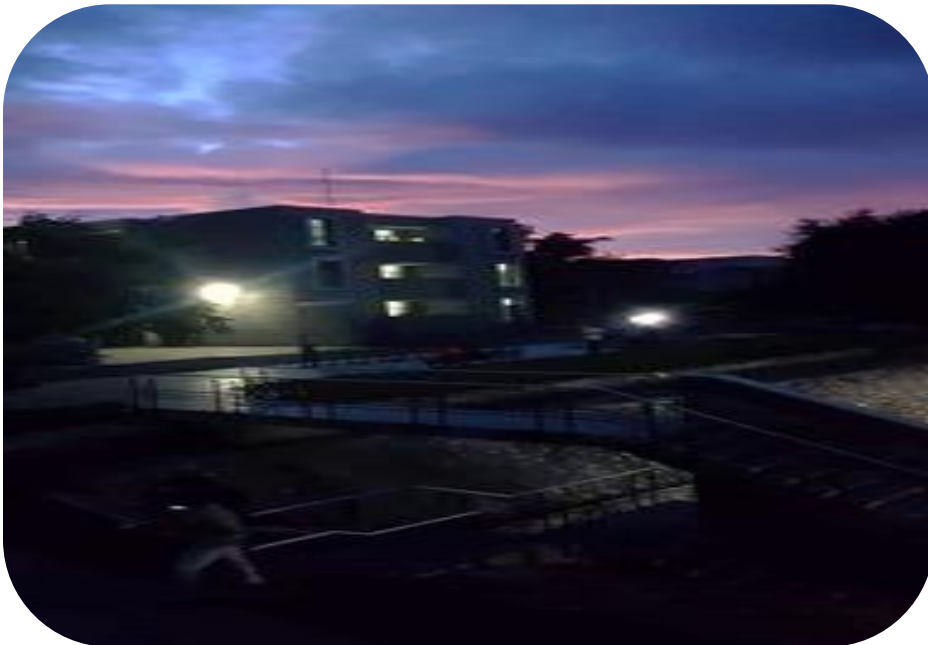
**SoM - II** MBA Students made a Presentation on the Bimal Jalan Committee Report in the Banking and Insurance Class.

## MEETINGS & DISCUSSIONS

**Mechanical department** - Dr. P. Sakthivel attended NAAC Review meeting which conducted by NAAC Coordinators Dr. S.Sundararaj and Dr.M.Prince.



## STUDENT CORNER



*P.C: E.M Rishi Nithin III CSE B*

## NATIONAL NEWS:

- Process begins to free J&K political leaders in phases-*The Hindu*
- Rare tarantula sighted in Villupuram district-*The Hindu*
- 17<sup>th</sup> Century hero stone discovered near Kundadam-*The Hindu*
- A tech fair to encourage innovation in students-*The Hindu*
- Farmers association lends support to Isha's agroforestry initiative-*The Hindu*
- Reuse of oil remains unchecked despite FSSAI regulations-*The Hindu*
- Govt. to be asked to take up Siruvani issue with Kerala-*The Hindu*
- Expedite construction of temporary housing-*The Hindu*
- Ooty only remaining wetland will be lost if parking lot comes up-*The Hindu*
- State govt. at a crossroads on power tariff hike-*The Hindu*
- Power connections exceed ration cards by 17 lakh-*The Hindu*
- Tank-like structure, terracotta pipeline unearthed in Keezhadi-*The Hindu*
- Conducting impartial probe into Thoothukudi firing, CBI tells HC-*The Hindu*
- Online coaching for competitive exams to begin in centres-*The Hindu*
- BJP seeks probe as TTD faces heat over missing jewellery-*The Hindu*
- Army man pushed out of train in robbery bib near Bengaluru-*The Hindu*
- Orthodox Church will not attend govt. meet-*The Hindu*
- KPCC presidents seeks Tharoor's explanation for pro-Modi remarks-*The Hindu*
- Astra Rafael opens facility for defence communication system-*The Hindu*
- Kerala, Tamil Nadu and Himachal top India's well-being index-*The Hindu*
- 5 mn hectares of land set to be rejuvenated-*The Hindu*
- New guidelines are in for e-tailers-*The Hindu*
- Questions on RBIs credibility outlandish-*The Hindu*
- SCs caution ignored in Chidambaram case-*The Hindu*
- U.S. religious panel anxious about potential abuse of NRC-*The Hindu*
- Cooperation in Russian Far East is a priority-*The Hindu*
- Mid-range houses could be affordable as govt. plans to tweak scheme-*The New Indian Express*
- Floods caused Rs.33,000 crore loss to Karnataka: Chief Secretary-*The New Indian Express*

## INTERNATIONAL NEWS :

- Communist Party mobilises against Hong Kong protests-*The Hindu*
- Brazil open to G7 Amazon aid if Macron withdraws insults-*The Hindu*
- J&K ordered to pay \$572 million for opioid addiction crisis-*The Hindu*
- Farmers losing patience with U.S. President-*The Hindu*
- No talks with Trump until Iran sanctions are lifted: Rouhani-*The Hindu*

## BUSINESS :

- Review capital framework every 5 years-*The Hindu*
- BS-VI fuel will cost more as oil companies plan to hike prices from April 2020-*The Hindu*
- Slowdown talk exaggerated, says SBI report-*The Hindu*
- Looking at viability of widebody for Indigo-*The Hindu*
- Industry at bottom of cycle, says Bhargava-*The Hindu*
- Fault lines exposed in MF industry: Tyagi-*The Hindu*
- EESL to invest Rs.180 crore in super-efficient ACs-*The Hindu*
- Harley-Davidson unveils its first BS-VI bike at 5.47 lakh-*The Hindu*
- Gangwal and Bhatia should go on a holiday-*The New Indian Express*
- Govt. to amend MSMEs definition by Sept, offer job based incentive-*The New Indian Express*

## SPORTS NEWS :

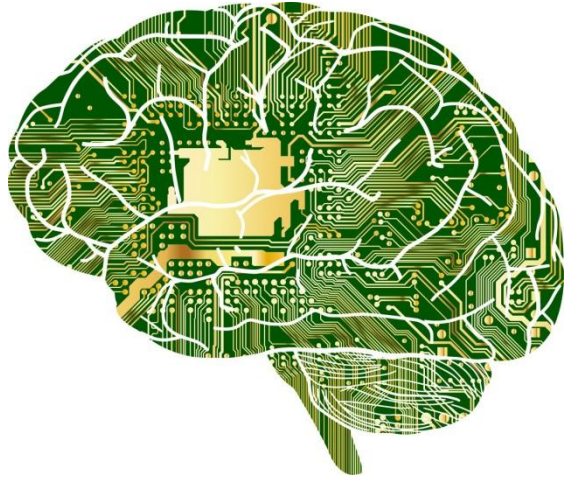
- Final phobia a thing of the past: Sindhu-*The Hindu*
- India-Pakistan hockey clash a distinct possibility-*The Hindu*
- Archana runs to glory in 200m-*The Hindu*
- Vikram and Menna are champions-*The Hindu*
- Praneeth owes medal to training regimen & Arjuna boost -*The New Indian Express*
- Indoor training, new high performance directive -*The New Indian Express*

### More chat, less duh, on the way thanks to Nvidia AI leaps with BERT

In the future are chatbots that are even more chatty and less dim-witted. Yes, the day will come when you can easily reflect on how far AI's language skills have come. And upon that reflection, do not ignore Nvidia's contributions in their work with BERT. OK, we will refrain from calling AI language skills dim-witted. Nvidia phrased it more tactfully in its announcement on August 13. "Limited conversational AI services" have existed for several years but it has been extremely difficult for chatbots, intelligent personal assistants and search engines to operate with human-level comprehension due to the inability to deploy extremely large AI models in real time, said the company. That has changed. Nvidia said key optimizations added to its AI platform helped achieve speed records in AI training and inference. HotHardware cut to the chase in assessing the impact of this work. "Nvidia smashed records for conversational AI training which could "turbocharge" mainstream assistants such as Alexa and Siri. Back to BERT which has already earned a rightful place in natural language processing. A November 2018 announcement from Google appeared on its Google AI blog: "One of the biggest challenges in natural language processing (NLP) is the shortage of training data...most task-specific datasets contain only a few thousand or a few hundred thousand human-labeled training examples... To help close this gap in data, researchers have developed a variety of techniques for training general purpose language representation models using the enormous amount of unannotated text on the web (known as pre-training). The pre-trained model can then be fine-tuned on small-data NLP tasks like question answering and sentiment analysis, resulting in substantial accuracy improvements compared to training on these datasets from scratch. "This week, we open sourced a new technique for NLP pre-training called Bidirectional Encoder Representations from Transformers, or BERT." Well, that was "this week" in 2018 and now it is this week in 2019. Nvidia's developer blog announced Tuesday that Nvidia clocked the world's fastest BERT training time. NVIDIA DGX SuperPOD trained BERT-Large in just 53 minutes. As Darrell Etherington said in TechCrunch, this means "the hour mark" in training BERT was broken (53 minutes). Etherington said, "Nvidia's AI platform was able to train the model in less than an hour, a record-breaking achievement at just 53 minutes." Nvidia's Shar Narasimhan blogged that a key advantage of BERT was that it doesn't need to be pre-trained with labeled data, so it can learn using any plain text. This advantage opens the door to massive datasets. BERT's numbers: Narasimhan said it was generally "pre-trained on a concatenation of BooksCorpus (800 million words) and the English Wikipedia (2.5 billion words), to form a total dataset of 3.3 billion words." Nvidia's news release of August 13 said early adopters of the company's performance advances included Microsoft and startups harnessing its platform to develop language-based services for customers. Microsoft Bing is using its Azure AI platform and Nvidia technology to run BERT. Rangan Majumde, group program manager, Microsoft Bing, said that Bing further optimized the inferencing of BERT. He said they achieved "two times the latency reduction and five times throughput improvement during inference using Azure NVIDIA GPUs compared with a CPU-based platform." David Cardinal in ExtremeTech had more details on what Nvidia brought to the table in advancing BERT: "Nvidia has demonstrated that it can now train BERT (Google's reference language model) in under an hour on a DGX SuperPOD consisting of 1,472 Tesla V100-SXM3-32GB GPUs, 92 DGX-2H servers, and 10 Mellanox Infiniband per node."

Also part of Nvidia's bragging rights on the AI front is a language model based on Transformers, the technology building block used for BERT. Nvidia said "With a focus on developers' ever-increasing need for larger models, NVIDIA Research built and trained the world's largest language model based on Transformers, the technology building block used for BERT and a growing number of other natural language AI models. NVIDIA's custom model, with 8.3 billion parameters, is 24 times the size of BERT-Large."

According to Nvidia, they "built the world's largest transformer based language model on top of existing deep learning hardware, software, and models. In doing so, we successfully surpassed the limitations posed by traditional single GPU training by implementing a simple and efficient model parallel approach with only a few targeted modifications to the existing PyTorch transformer implementations."



## STUDENTS CORNER



**E.M Rishi Nithin**

**III CSE B**

## Surprising Benefits Of Coconut Oil For Your Health

Do you use coconut oil? If not after this news you will use it. It has a lot of benefits that you can learn about here. Coconut oil was used by earlier people, but in today's world it is considered old, but it has many benefits. So let's know the advantages of coconut oil.

- \* Coconut oil is a rich source of antimicrobial lipids like lauric acid and capric acid, which are antifungal and antibacterial.
- \* Coconut oil is used to reduce arthritis, joint pain due to bile growth in Ayurveda. It improves the ability to absorb calcium and magnesium in the bones.
- \* Coconut oil acts as a natural moisturizer for skin, it removes dead skin and enhances color. It can be used in skin diseases, dermatitis, eczema and skin burn. Coconut oil also helps in removing stretch marks and can be applied on the lips regularly to protect the lips from bursting.
- \* Coconut oil is very helpful in making the hair dense, tall and shiny. Using head massage with coconut oil for just five minutes not only increases blood circulation but also compensates for the lost nutrients, regular massage with coconut oil does not cause dandruff in the hair.
- \* Spitting of coconut oil in the mouth for about 20 minutes can help to relieve mouth germs and gum problems. Do this at least three times a week for healthy gums.

# MOTIVATIONAL ZONE

# WHAT HAPPENED TODAY

Successful and unsuccessful people do not vary greatly in their *abilities*. They vary in their *desires to reach their potential*.

JOHN MAXWELL

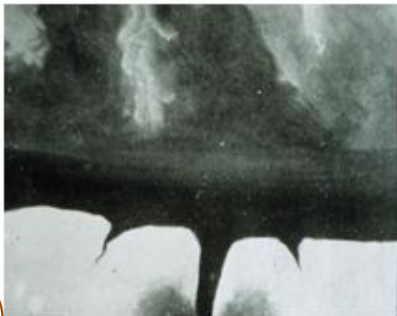


**1884** First known photograph of a tornado is made near Howard, South Dakota

**1937** Toyota Motor Corporation is formed

**1963** 200,000 march and demonstrate for African American civil and economic rights in Washington, D.C.

**1963** The longest floating bridge in the world, the Evergreen Point Bridge or the Governor Albert D. Rosellini Bridge, is on Route 520 in the state of Washington opens for Traffic for the First Time



First known photograph of a tornado



March on Washington for Jobs



The Evergreen Point Bridge





The world's longest traffic jam took place in Beijing, China. It was over 60 miles long and lasted 11 days.

**DID YOU  
KNOW???**

## **BOOK REVIEW**

**Monsieur Mediocre: One American Learns the High Art of Being Everyday French**

[John von Sothen](#)

Americans love to love Paris. We buy books about how the French parent, why French women don't get fat, and how to be Parisian wherever you are. While our work hours increase every year, we think longingly of the six weeks of vacation the French enjoy, imagining them at the seaside in stripes with plates of fruits de mer.

John von Sothen fell in love with Paris through the stories his mother told of her year spent there as a student. And then, after falling for and marrying a French waitress he met in New York, von Sothen moved to Paris. But fifteen years in, he's finally ready to admit his mother's Paris is mostly a fantasy. In this hilarious and delightful collection of essays, von Sothen walks us through real life in Paris--not only myth-busting our Parisian daydreams but also revealing the inimitable and too often invisible pleasures of family life abroad.

Relentlessly funny and full of incisive observations, Monsieur Mediocre is ultimately a love letter to France--to its absurdities, its history, its ideals--but it's a very French love letter: frank, smoky, unsentimental. It is a clear-eyed ode to a beautiful, complex, contradictory country from someone who both eagerly and grudgingly calls it home.