



DEPARTMENT OF CIVIL ENGINEERING
CEPTA
NEWSLETTER



e-Newsletter

TECHNICAL KRITHI

SEPTEMBER, 2022

ONAM CELEBRATION- 3rd SEPTEMBER



“Failure is central to Engineering. Every single calculation that an Engineer makes is a failure calculation. Successful Engineering is all about understanding how things break or fail.”

- Henry Petroski

Onam, the fest of harmonious music, songs, intricate dances, was celebrated by our college, on 3rd September, with great enthusiasm. The celebration started by lighting the lamp by the Managing Director, Er. Abyin Ampadiyil, at the main auditorium. The ‘*thiruvathirakkali*’ performed by the teachers of our college was the main attraction of the celebration. Competitions like lemon-spoon race, musical chair, tug of war etc. were held, where all the teaching, non-teaching staffs and students have participated.

ENGINEER’S DAY- 15th SEPTEMBER

Engineer’s Day was celebrated on 15th September, 2022. The programme was organized by Department of Mechanical Engineering. Our Principal, Dr. Shaji Mohan B. presided over the programme. The former Professor of N.S.S. College of Engineering, Palakkad, Dr. Sudheer Kumar R. was the chief guest of the programme. In his speech, he shared his experience as a Professor and also gave some moral ideas to the students. Vice Principal Dr. M.D. Sreekumar, Academic Coordinator Prof. N. Radhakrishnan Nair and HoDs of all the departments conveyed their wishes. As part of this programme, a quiz competition was also organized and Dr. Sudheer Kumar R. distributed the prize to the winners.

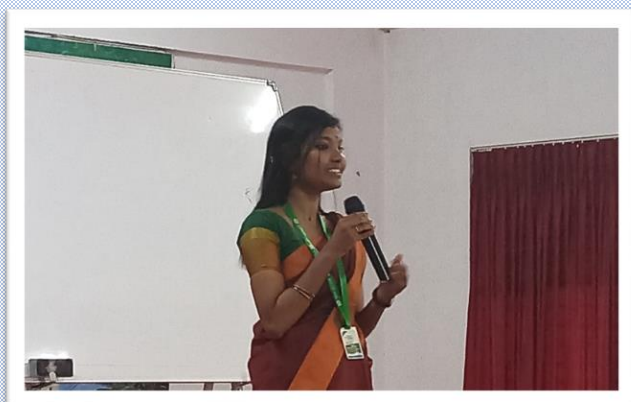


5Q6W+2HW, Theppupara - Plantation Jct Rd, po,
Adoor, Kerala 691556, India

Latitude 9.1600807° Longitude 76.7965026°
Local 02:08:12 PM Altitude -54.6 meters
GMT 08:38:12 AM Thursday, 15 Sep 2022

Note : Engineers Day Celebration 2022 @ SNIT

TEACHER'S DAY CELEBRATION - 3rd SEPTEMBER



Teachers' Day was celebrated by our college on 22nd September. The whole programme was organized by the students of SNIT. The event commenced at 3 PM with the lighting of the lamp at the college Mini Auditorium. 'Best Teacher Award' was given to those teachers from each department, who were selected by the students through voting. As a part of this programme, a competition 'Role of a Teacher' was organized. The winner of this competition was Ms. R. Gauri Nandhana from Electronics and Communication Engineering.

BEST TEACHER AWARD WINNERS, 2022:

Mr. Rajesh P.R. (Basic Science), Ms. Gopika A.S. (Civil Engineering), Mr. Amrith Vasundharan (Electrical & Electronics Engineering), Mr. Jacob V. Panicker (Electronics & Communication Engineering), Mr. Akhil S. (Mechanical Automobile Engineering), Mr. Arun Raj (Mechanical Engineering) and Mr. Vishnu Vijayan (Master of Business Administration)

EXPERT TALK

Mr. Amal Anand shared his experience and knowledge he acquired through Faculty Development Programme organized by IIC, Chavara. It is universally accepted that teachers are the pivot of the educational system and our system needs to provide adequate opportunities for their professional development. It is, therefore, necessary to develop in-built mechanisms to provide opportunities for teachers within the framework of the knowledge society. Through the class he explained, how important is safety at sites for the workmen as well as the equipment. He shared different stories told in the programme relating the safety at the worksite. He gave details regarding bridge construction works, post tensioning of girders, ground improvement techniques, etc. which were adopted in the Alappuzha-Changanassery road project. He shared the photos and videos of those works, also.



IMPORTANT DAYS



10th September- WORLD SUICIDE PREVENTION DAY (WSPD)

World Suicide Prevention Day (WSPD) is observed on 10th September, every year to raise awareness to prevent cases of suicide. This day is organized by the International Association for Suicide Prevention (IASP) and this day is co-sponsored by WHO.

14th September- HINDI DIWAS

Hindi Diwas is celebrated on 14th September, as on this day the Constituent Assembly of India adopted Hindi written in Devanagiri script in 1949 as the official language of the Republic of India.

15th September - ENGINEER'S DAY

Engineer's Day is observed on 15th September in India to commemorate the birth anniversary of one of India's greatest engineers Sir Mokshagundam Visvesvaraya. Popularly, Mokshagundam Visvesvaraya was called Sir MV. He was an eminent Indian engineer and statesman who was born in Muddenahalli village in Karnataka's Kolar district. In 1955, due to his outstanding contribution to society, the Government of India conferred "Bharat Ratna". He was India's most prolific civil engineer, dam builder, economist, statesman, and nation-builder.



16th September- WORLD OZONE DAY

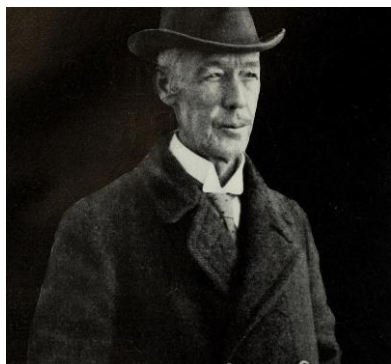
World Ozone Day is observed on 16th September annually. On this day in 1987, the Montreal Protocol was signed. Since 1994, World Ozone Day is celebrated which was established by the United Nations General Assembly. This day reminds people about the depletion of the Ozone Layer and to find solutions to preserve it.

26th September- WORLD ENVIRONMENTAL HEALTH DAY

The day spreads awareness worldwide about the health of the environment and speeds up the discussion on the steps people can take to both protect the environment and ensure their safety from its threats.

26th September (Fourth Sunday)- WORLD RIVERS DAY

World Rivers Day is celebrated on the last Sunday of September. In 2022, it falls on 26th September. The day highlights the importance of rivers and generates awareness and encourages people to improve and save water, rivers around the world. It is necessary to care for our water resources.



William Willcocks

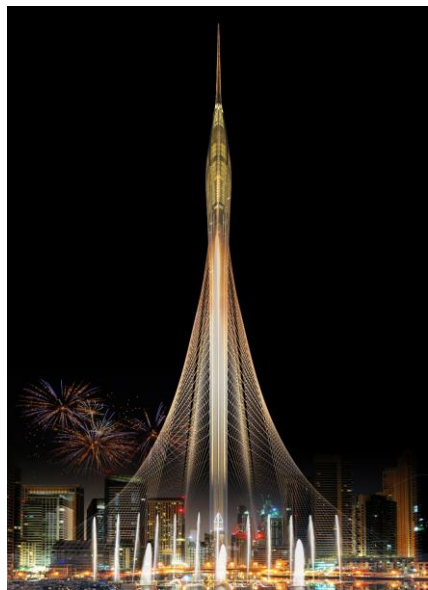
27th SEPTEMBER, 1852

Sir William Willcocks (27th September 1852 in India – 28th July 1932 in Cairo, Egypt) was a British Civil Engineer during the high point of the British Empire. He was an Irrigation Engineer who proposed and built the first Aswan Dam, the scale of which had never been attempted previously. He later undertook other major irrigation projects in South Africa and in Arab regions of the dying Ottoman Empire.

He graduated from the Indian Institute of Technology Roorkee in 1872 and joined the Indian Public Works Department the same year. Following the British invasion and occupation of Egypt, he began work with the long-established Egyptian Public Works Department in 1883. He was serving as Director General of Reservoirs for Egypt when he completed his studies and plans in 1896 to construct the Aswan Low Dam, the first true storage reservoir on the river. He supervised its construction from 1898 to its completion in 1902. He also designed and constructed another dam on the Nile, the Assiut Barrage, also completed in 1902. For his service to these projects, he was appointed a Knight Commander of the Order of St. Michael and St. George (KCMG) in December 1902. He later became the Chairman of the Cairo Water Works Company and was also the President of the Anglo-Egyptian Land Allotments Company.

He later became head of irrigation for the Ottoman Turkish government, for what was then the greater area of Turkish Arabia. He drew up the first accurate maps of the region, which were subsequently a great help to British expeditionary forces in 1914 and again in 1915. In 1911 he proposed to have the water brought to the ancient area of Chaldea in Southern Mesopotamia. The Hindiya Barrage was consequently built on the River Euphrates near ancient Babylon.

He worked on irrigation projects in Romania shortly before the outbreak of World War I, and again as late as 1928 in Bengal, where he had received some of his early training. In January 1921, he was put on trial before the Supreme Consular Court of Egypt on a charge of sedition and criminal libel, on account of statements made by him impugning the trustworthiness of the data concerning the Nile irrigation published by Murdoch Macdonald, adviser of the Egyptian Ministry of Public Works. He was found guilty on 11 March, and on 16 April he was bound over to be of good behaviour for one year.



Ashik Abdulla U.
S7/CE

DUBAI CREEK TOWER

Dubai Creek Tower is a hyper-tall tower under development in Dubai, the tower will become the World's tallest tower and tallest man-made Structure upon completion in 2022. It will be built on a site in the vicinity of Dubai Creek, which is a waterfront area located near Ras Al Khor National Wildlife Sanctuary, Dubai Creek was the city centre of history and culture. Dubai Creek Tower will be mainly used for observation decks or sky gardens. And there will be 20 floors occupied by hotels and restaurants as well, and even residences. The antenna on the peak will be used for broadcasting. It was designed by Spanish-Swiss architect Santiago Calatrava Valls. The most distinctive feature of Dubai Creek Tower is those cable arrays, which were inspired by the ribbing of lily leaves. These sturdy cables connect the tower to the anchors that spread on the ground on two sides of the tower, making the structure more stable and safe to be built to over 1300 meters.

DID YOU KNOW?

De-Shuttering Period of Different RCC Members

- The period for columns, walls, and vertical formworks – 16-24 hrs.
- Period for Soffit formwork to slabs – 3 days (props to be refixed after removal)
- The period for Soffit to beams props – 7 days (props to be refixed after removal)
- Beams spanning up to 4.5m – 7 days
- Beams spanning over 4.5m – 14 days
- Arches spanning up to 6m – 14 days
- Arches spanning over 6m – 21 days

WORDSEARCH

D D C F N G A I X D U R A B I L I T Y X P X S L
 S E O Y H L M T A X J H M R R K G V H A O X C E
 V C V S K C O M P O N E N T S O G O Q Z Z Q O C
 B O Q L A V W U S I K H N Y I S R N I R R S H S
 U N J Q N E T J U J O H G E O Y A C K C E L E E
 I C E M E N T G A K D I S Q A X V V R H T H S L
 L R H Y D R A T E S G E O M S N E V M Q X L I U
 D E B L W O R K A B I L I T Y Y L M W U X I V C
 I T C C E T H S U E N I L L A T S Y R C X N E E
 N E I J K A G T Y A U M W M S T R E N G T H N L
 G B T E C T L I M E S T O N E S Z G W M W V E O
 D K S Q T O Z W K K E Y D Y P S R L X L F Q S M
 E X A B O M P W B D H C W F M Y G Y S W G O S N
 A R L G H S P X A I K A A W L X A R B G R S Y H
 S L P B G S K I I B S Q T I Q M P A T T E R N E
 Z L N O I R E G Q P B D E J G N I N E D R A H X
 S F A P Y H E T G B K W R L I T S W B R Z Y V K
 N K E I T V X G T X Y T Y J A U S N E I U R N U
 I J S R R P W X A I L H Z I H K Y A S Z N N Y G
 D L I P Y E K N A T N U Y L T S C Z Y B L D Q V
 M C M D T C T W H X E G B N E T J S Y T N U E E
 Q E Y W V N D A R K N S D N A S S I C B F K Z R
 F B J G D S J B M O E I X N P Y E G M N N Q X I
 V V U K U D Z C P F N H T W F J B Y V H D O R U

Find out the 24 words related to concrete from these jumbled letters.

CROSSWORD August, 2022 ANSWERS

ACROSS

2. FLEXURE
3. BLEMISH
4. BASIN

DOWN

1. BEARING
2. FREEWAY
3. BYPASS

SUDOKU

		9		6		1		4
				1			8	5
			5		4	7	9	
1					3			
	7	3	9	8				
			6					
			2				3	
		8	4					
6	5							

SUDOKU: August, 2022

9	3	2	1	4	7	6	8	5
8	7	5	3	2	6	4	9	1
1	6	4	5	9	8	3	7	2
6	4	8	9	7	1	2	5	3
7	5	3	2	6	4	8	1	9
2	9	1	8	5	3	7	4	6
3	8	6	4	1	9	5	2	7
5	1	7	6	8	2	9	3	4
4	2	9	7	3	5	1	6	8

ALUMNI CORNER



JITHIN S.

M.Tech. SECM (2016-'18 batch)

sjith31@gmail.com

+918075646406

4 Year's Experience

- ✓ Founder of **Aiswarya Designers & Constructions**



VIVEK M. VINOD

B.Tech. Civil Engineering (2016-'20 batch)

vivekmvinod@gmail.com

+917561867226

2 Year's Experience

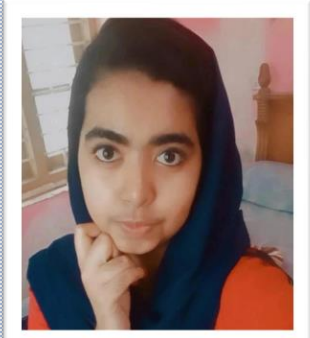
- ✓ Working as Engineer at **Kunnath Constructions, Kottarakkara**

CHIT-CHAT WITH ALUMNI



Alumni are always motivators to the juniors. Jithin S. is our alumnus who completed his Post Graduation in Structural Engineering and Construction Management. He shared his experiences about the opportunities and relevance in the field of Structural Engineering. On 13th September, 2022, he made an advanced approach in the mind of upcoming research scholars about how to select a topic for the project and how to approach a project as well.

BIRTHDAY BASH



Farshana A.
S5/CE
2nd SEPTEMBER



Shone Varghese
S5/CE
3rd SEPTEMBER



Karishma Kathires
S3/SECM
9th SEPTEMBER



Vishnu V. Nair
S5/CE
12th SEPTEMBER



Sneha J.
S3/SECM
13th SEPTEMBER



Parvathy Vijayan
S5/CE
24th SEPTEMBER



Akhila
Radhakrishnan
S7/CE
25th SEPTEMBER

HAPPY
BIRTHDAY
TO YOU

ACHIEVEMENTS



A.R. Sreelekshmi (S3/SECM/M.Tech.) received prize for winning the quiz competition conducted in association with 'National Engineer's Day', organized by department of Mechanical Engineering .

CONGRATULATIONS



S1-100% Result
M. Tech. 2021-'22
batch



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2022-'23 ADMJSSJON STARTED...



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ADOOR**

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- Mechanical Engg.
- Mechanical Automobile Engg.
- Civil Engg.
- Electrical & Electronics Engg.
- Electronics & Communication Engg.

M.TECH

- Machine Design
- Structural Engineering & Construction Management

MBA

- Human Resources
- Marketing
- Finance
- Operations
- Systems
- General Management

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ARTICLES
TECHNICAL WRITINGS
TECHNICAL ACTIVITIES
PAPER PUBLICATIONS
CONFERENCE ATTENDED
CROSSWORDS
QUOTES
ACHIEVEMENTS
ANNOUNCEMENTS



SEND ENTRIES TO
ceptatechnicalkriti@gmail.com

Entries are invited from students
before 25th of every month

Comments related to this newsletter
can also be sent to the mail id
provided

Mail Id:

ceptatechnicalkriti@gmail.com

THANK YOU