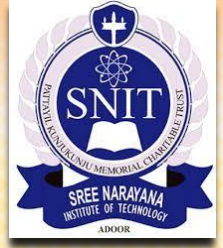


NEWSLETTER



“TECHNICAL KRITHI”

e-Newsletter
May 2022

NATIONAL TECHNOLOGY DAY CELEBRATIONS

National Technology Day is celebrated every year on 11th May. Dr. Jayaraju M., former director of ANERT and PG Dean of UKF College of Engineering, Parippally inaugurated the function, conducted at EEE seminar hall. Principal Dr. Shaji Mohan B., presided over the function. The keynote address was delivered by Vice-Principal Dr. M. D. Sreekumar and Academic Coordinator Prof. N. Radhakrishnan Nair. As part of this celebration, an interaction session was organised, followed by poster designing and model designing competition.

"However difficult life may seem, there is always something you can do and succeed at."

-Stephen Hawking

AITHIHA 2022- LOGO LAUNCH

On 23rd May, 2022 the logo of SNIT Cultural Fest ‘AITHIHA 2022’ was launched, along with a splendid dance performance by the students of SNIT.

കേരള കാമുകി



അടുർ ശ്രീ നാരായണ ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് ടെക്നോളജിയിൽ നടന്ന ദേശീയ സാങ്കേതിക ദിനം അനർത്ത് മുൻഡയക്ടറും യു. കെ. എഫ്. കോളേജ് ഓഫ് എൻജിനീയറിംഗ് ആൻഡ് ടെക്നോളജി ഡിറക്ടറുമായ ഡോ. ജയരാജു രാധവൻ ഉദ്ഘാടനം ചെയ്യുന്നു

ദേശീയ സാങ്കേതിക ദിനാഘോഷം

പുഴംകുളം : അടുർ ശ്രീനാരായണ ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് ടെക്നോളജിയിൽ ദേശീയ സാങ്കേതിക ദിനം ആഘോഷിച്ചു. അനർത്ത് മുൻഡയക്ടറും യു. കെ. എഫ്. കോളേജ് ഓഫ് എൻജിനീയറിംഗ് ആൻഡ് ടെക്നോളജി ഡിറക്ടറുമായ ഡോ. ജയരാജു രാധവൻ ഉദ്ഘാടനം ചെയ്തു. പ്രിൻസിപ്പൽ

ഡോ. ബി. ഷാജിമോഹൻ അദ്ധ്യക്ഷത വഹിച്ചു. വൈസ് പ്രിൻസിപ്പൽ ഡോ. എം. ഡി. ശ്രീകുമാർ, അക്കാഡമിക് കോർഡിനേറ്റർ പ്രൊഫ. എൻ. രാധാകൃഷ്ണൻ നായർ എന്നിവർ പ്രസംഗിച്ചു. പോസ്റ്റർ ഡിസൈനിങ്ങ്, മോഡൽ ഡിസൈനിങ്ങ്, ചർച്ച എന്നിവ നടത്തി.



The Cultural Fest “AITHIHA 2022” will be on June 3rd and 4th.

HAPPY BIRTHDAY

Sandra Mariam Simon

S4/ SECM




JOHN FREDERICK BATEMAN

John Frederick La Trobe Bateman, an English civil engineer was born on 30 May 1810, whose work formed the basis of the modern United Kingdom water supply industry. Bateman started his civil engineering business in 1833 and directed it alone until between 1881 and 1885 when he worked in partnership with George Hill. For more than 50 years from 1835 he designed and constructed reservoirs and waterworks. His largest project was the Longdendale Chain system that has supplied Manchester with much of its water since the 19th century. The construction of the largest chain of reservoirs in the world began in 1848 and was completed in 1877. Bateman became "the greatest dam-builder of his generation." He became the President of the Institution of Civil Engineers in Britain in 1878 and 1879. He died on 10 June 1889 at the age of 79.

IMPORTANT DAYS IN MAY

MOTHER'S DAY- 8TH MAY

The relationship with mother is really the greatest of all the relations that we human beings hold. A mother's love for her child is truly unconditional and cannot be expressed in words. She always prays for her child and never leaves her child in difficulty. She always protects her child and does not think about herself. We can't define 'mother' in a few words. Mothers are precious and the best gift of God. One day is not enough to thank your mother for her love and we should make every day as special as Mother's Day to shower our love upon our mothers. We should acknowledge all the little things that our mothers do for us every day. No other gift can be more special to a mother than her children's love and respect.



"God could not be everywhere, and therefore he made mothers."

- RUDYARD KIPLING

NATIONAL TECHNOLOGY DAY- 11TH MAY

National Technology Day is celebrated to commemorate the anniversary of the 1998 Pokhran nuclear tests, which led to India becoming the sixth country in the world to join the 'nuclear club'. Technology today is an integral part of our daily lives, and considering its contribution to economic growth, the celebration of National Technology Day seems fairly obvious and significant. Marked every year on 11 May, the day reminds Indians of the country's technological advances.

The government of India commemorates the day by honouring those who have made significant contributions to the development of new technology. By recognising the contributions of scientists and engineers, the country highlights the significance of science in our lives and how young people can consider building a career in the field. The day celebrates not only scientists and engineers, but anyone who is involved with ideating, innovating, and promoting the dissemination of knowledge and also ensuring that its benefits reach the grassroots level.



STUDENTS CORNER...

Answer for last month's question

DEVIKA DEV S.

S2/ SECM

IDENTIFY THE BUILDING

Wait till next month for the answer



THE NAMASTE TOWER

Namaste Tower is one of the super tall skyscrapers in India. The architecture of Namaste tower builds on the ancient Indian expression i.e., 'Namaste'. The two wings of the building are clasped together like hands greeting the city of dreams, Mumbai. In this way, the architectural design of the building provides the ultimate symbol of hospitality and welcome which links to the cultural context of India. The tower has been designed to cater to large scale Indian weddings. The Namaste Towers includes several open corridors and atrium areas. To improve indoor air quality and promote the circulation of fresh air the designers included ample open spaces for internal gardens. Namaste Tower is a 310 m (1,017 ft) tall skyscraper mega project in Mumbai, India.

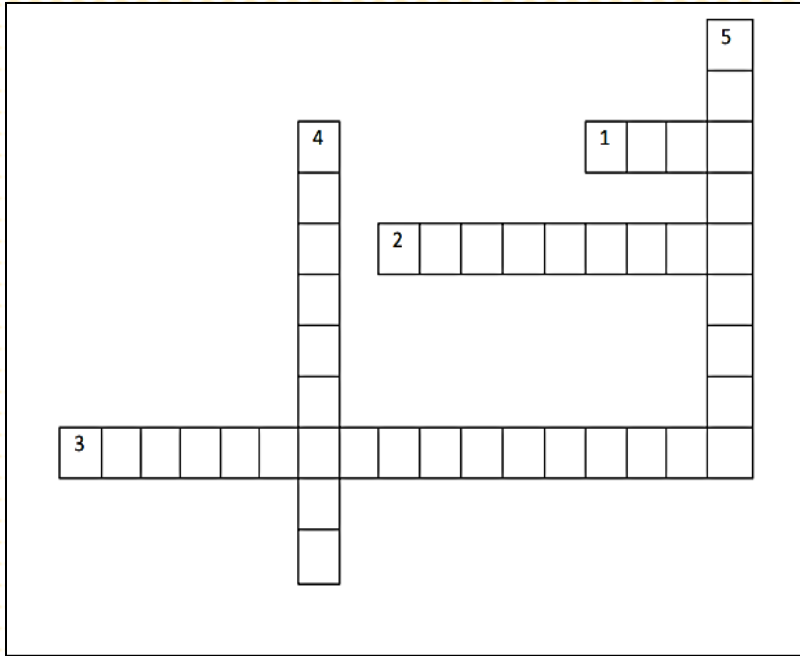
The Namaste Tower has been designed to cater for large scale Indian weddings. The occasion of a Mehndi ceremony is often one of the most important pre-wedding rituals in India. The tower is will be clad in flitted glazing that combines to form an architectural scale graphic on the exterior of the building. This will create a sense of transparency and depth to the building while at the same time helping to maintain the thermal qualities required to meet the building's envelope design criteria. The Namaste Tower is made up of two separate wings (or hands) which together form the architectural expression of "Namaste". The space between the wings forms the corridor spaces. At either end of the corridor space a pair of open atria will offer hotel guests dramatic framed views out over the city. Another interesting thing about the façade is its material i.e., fritted glass. This glass acts as a sunscreen which helps in reducing the total solar gain within the building. Also, canopies that have been spread out on the lower floors will include solar thermal collectors. These collectors will fulfil nearly 12 percent of the towers' energy requirement that is needed to produce hot water for hotel guests.

DO YOU
KNOW
??

CONCRETE

- ◆ If the slump of a concrete mix is 60mm, its workability is **medium**
- ◆ Gypsum is added for controlling **setting time**
- ◆ The cement becomes useless if its absorbed moisture content exceeds **5%**
- ◆ **William Aspidin** is the father of concrete Technology
- ◆ There are **24** basic types of concrete depending on the kind of construction

LET'S FIND OUT



ACROSS:

- 1) A large member that provides support for a large opening
- 2) A drawing that provides an aerial view of the layout of each room
- 3) A drawing that shows the design of the project

DOWN:

- 4) A qualified person who creates a drawing for a project
- 5) Length, width, height shown on a drawing

LET'S CHECK IT OUT

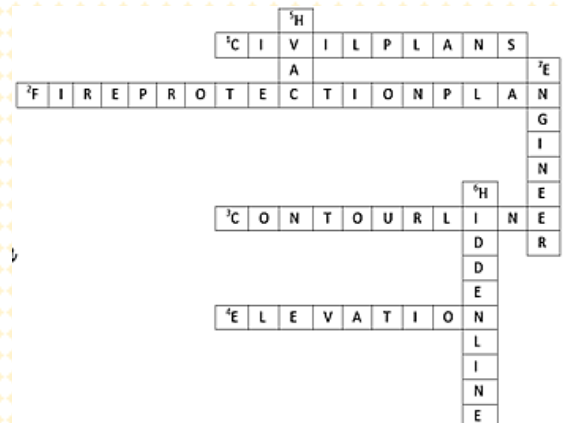
5	3			7			
6			1	9	5		
	9	8					6
8				6			3
4			8		3		1
7				2			6
	6					2	8
			4	1	9		5
				8			7
						7	9

Answers

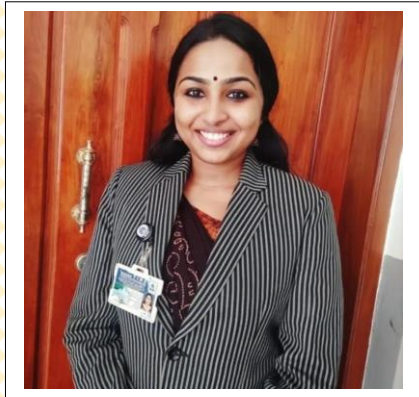
SUDOKU- April, 2022

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

CROSSWORD APRIL, 2022



HAPPY BIRTHDAY



Ms. Anju Thulasi
Assistant Professor
May 06



Binila Bose
S8/ CE
May 02



Shivani A. B.
S8/ CE
May 02



Abhirami Babu
S4/ CE
May 04



Ashna S. Ali
S6/ CE
May 08



Shijina Shaji
S8/ CE
May 05



Anandu Mohan
S4/ CE
May 14



Adithya Suresh
S2/ CE
May 19



Ganesh Kumar
S4/ CE
May 21



Arjun R.
S8/ CE
May 29



Aswathy A.
S4/ CE
May 30



Shilpa Prasad
S6/ CE
May 30

Base Cross Drain

Ananthika Sivakumar
S4 CE

Base Cross Drain is a subsurface drain, generally perpendicular to the roadway alignment, designed to drain infiltrated water. Often needed at bridge abutments, toll plazas, and across the road on long downgrades. The main purpose of the cross-drain is to channel water from above the path to the lower side. The source of the water may be from small streams, springs, mossy flushes, areas of uphill surface water or seepage. Cross-drains are also used to collect and disperse path surface water at low points on the path, or on sloping paths where water bars are not suitable for the path use. Cross drains shall be provided to accommodate all-natural water flow, and shall be of sufficient length to permit full width roadway and the required slopes. Cross drains shall be built on straight line and grade, and shall be laid on a firm base but not on rock. Cross drains shall be designed using information from the Polk City Watershed Model and Hilochee Wildlife Management Area Hydrologic Assessment. Cross drains are to be provided at mid-section each rail except sharper curve track. Cross drains shall be defined as pipes or culverts that convey water from one side of the Highway to the other.

ARTIST'S CORNER



Arjun R.
S8 CE

ALUMNI CORNER



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4.5 Years' Experience

Presently

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-BMTS ABUDHABI
- ✚ Project Co-ordinator- LogicInfra-
Kollam
- ✚ Project Engineer - S&R Consultants
-Ernakulam



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+918848957263

3.5 Years' Experience

- ✚ Technical Director of V-Line
Developers
- ✚ Founder of AshV Designs

ACHIEVEMENTS



CERTIFICATE OF APPRECIATION

Kerala State IT Mission Proudly Recognizes

Mr/Ms. **LEKSHMI PRIYA R**of
Sree Narayana Institute of Technology, Adoor

for his active participation and valuable contributions made in the Institution and Ward Mapping done for the Mapathon Keralaam Campaign in **Adoor** Municipality in association with Industry Attachment Cell, APJ Abdul Kalam Technological University, Kerala.

Appreciate your sincere support and efforts in making our own local Maps for Rebuilding Kerala.

"Lets Make Our Own Map"





Snehil Kumar Singh IAS
Director, KSITM
Govt of Kerala








CERTIFICATE OF APPRECIATION

Kerala State IT Mission Proudly Recognizes

Mr/Ms. **RAJALAKSHMI P**of
Sree Narayana Institute of Technology, Adoor

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Snehil Kumar Singh IAS
Director, KSITM








CERTIFICATE OF APPRECIATION

Kerala State IT Mission Proudly Recognizes

Mr/Ms. **RESHMA C**of
Sree Narayana Institute of Technology, Adoor

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Snehil Kumar Singh IAS
Director, KSITM








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for his active participation and valuable contributions made in the Institution and Ward Mapping done for the Maphathon Keralam Campaign in **Adoor** Municipality in association with Industry Attachment Cell, APJ Abdul Kalam Technological University, Kerala.

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Submit your abstract on or before 3rd June

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JINU DARSH M.S. - +91 7034351567

 ncatesce@snit.edu.in

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SEND ENTRIES TO
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**Entries invited from students
before 25th of every month**

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THANK YOU