

**International Copper
Association India**
Copper Alliance

**2018
CALENDAR**

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COPPER. MAKES THE WORLD WORK BETTER.



**International Copper
Association India**
Copper Alliance

The International Copper Association India (ICAI) is a member of Copper Alliance and the Indian arm of the International Copper Association Limited (ICA), the leading not for profit organization for the promotion of copper worldwide set up in 1959.

ICA India was formed in 1998 to actively associate with the growing number of copper users in India. The objective is to "Defend and grow markets for copper based on its superior technical performance and its contribution to a higher quality of life worldwide".

ICA India conducts various programs in the interest of Electrical Safety, Energy Efficiency and Sustainability. Employing a mix of market development and regulation advocacy approach to encourage the use of copper.

OUR CURRENT PROGRAMS :

- Building Wire
- Power Quality
- Air Conditioners
- Energy Efficient Motors
- Distribution Transformers
- Renewables

ICA India drives its program through interactive workshops across the country, in collaboration with like-minded organizations, institutions and trade bodies. It also publishes technical handbooks, training manuals and brochures aimed at spreading awareness and in-depth knowledge on the many benefits of copper and its use in technology. To know more visit: www.copperindia.org



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Think of a human's central nervous system. It handles all the internal communication and controls the functions of the body. Copper in automobiles works on the same principle. Slim strands of copper wiring in your car supply the electrical power, carry data and manage control signals.

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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21	22	23	24	25	26	27	28	29	30	31										

Cu

JAN 2018



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JANUARY 2018

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
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28	29	30	31			

DECEMBER 2017

S	M	T	W	T	F	S
31					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
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Electric vehicles use a substantial amount of copper in their batteries. A single car can have up to six kilometers of copper wiring.

FEBRUARY 2018

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One of copper's greatest gifts to the world, is its role in global currency. From the ancient Roman coin Dupondius to the modern American penny, copper has made its way into our wallets since time immemorial. The Mauryan Empire in India is reputed to have created punched coins that were a mix of silver and copper.

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
18	19	20	21	22	23	24	25	26	27	28										

Cu

FEB 2018



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FEBRUARY 2018

SUN	MON	TUE	WED	THU	FRI	SAT
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

JANUARY 2018

S	M	T	W	T	F	S
	1	2	3	4	5	6
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21	22	23	24	25	26	27
28	29	30	31			

Since ancient times copper has been used in coins; the Romans used copper widely in this application. The reasons for using copper are its excellent corrosion resistance, the ease of stamping, antimicrobial properties and ease of recycling.

MARCH 2018

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Pull apart any wind turbine and you'll find coil upon coil of copper in the stator, rotor, gearboxes and the base. All this copper helps convert energy, moves and controls the rotor blades and cools the turbines – transforming it into a natural power plant.

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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18	19	20	21	22	23	24	25	26	27	28	29	30	31							

Cu

MAR 2018



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MARCH 2018

SUN	MON	TUE	WED	THU	FRI	SAT
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18	19	20	21	22	23	24
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FEBRUARY 2018

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Copper plays a crucial role in the delivery of wind energy. Some wind farms contain more than 91,500 metres of copper wire.

APRIL 2018

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The "canyon wall" — an iconic, 100-metre-long by 30 metre-high mural consisting of large copper-coloured metal discs on which are set a series of gigantic, nine-foot-tall sculptures of mudras, or traditional hand gestures, have now become the definitive image of Delhi International Airport, T3.

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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APRIL 2018

SUN	MON	TUE	WED	THU	FRI	SAT
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29	30					

MARCH 2018

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Architects use copper not only for its appealing looks and long life, but also for its waterproof, non - corrosive and lightweight properties.

MAY 2018

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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		



It's virtually impossible to summarise the impact of motors – and copper plays a large part in creating that impact. Threading its way through the interiors of electric motors is slender copper winding that increases efficiency, conducts electricity effortlessly and even allows for the construction of more compact motors.

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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Cu

MAY 2018



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MAY 2018

SUN	MON	TUE	WED	THU	FRI	SAT
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27	28	29	30	31		

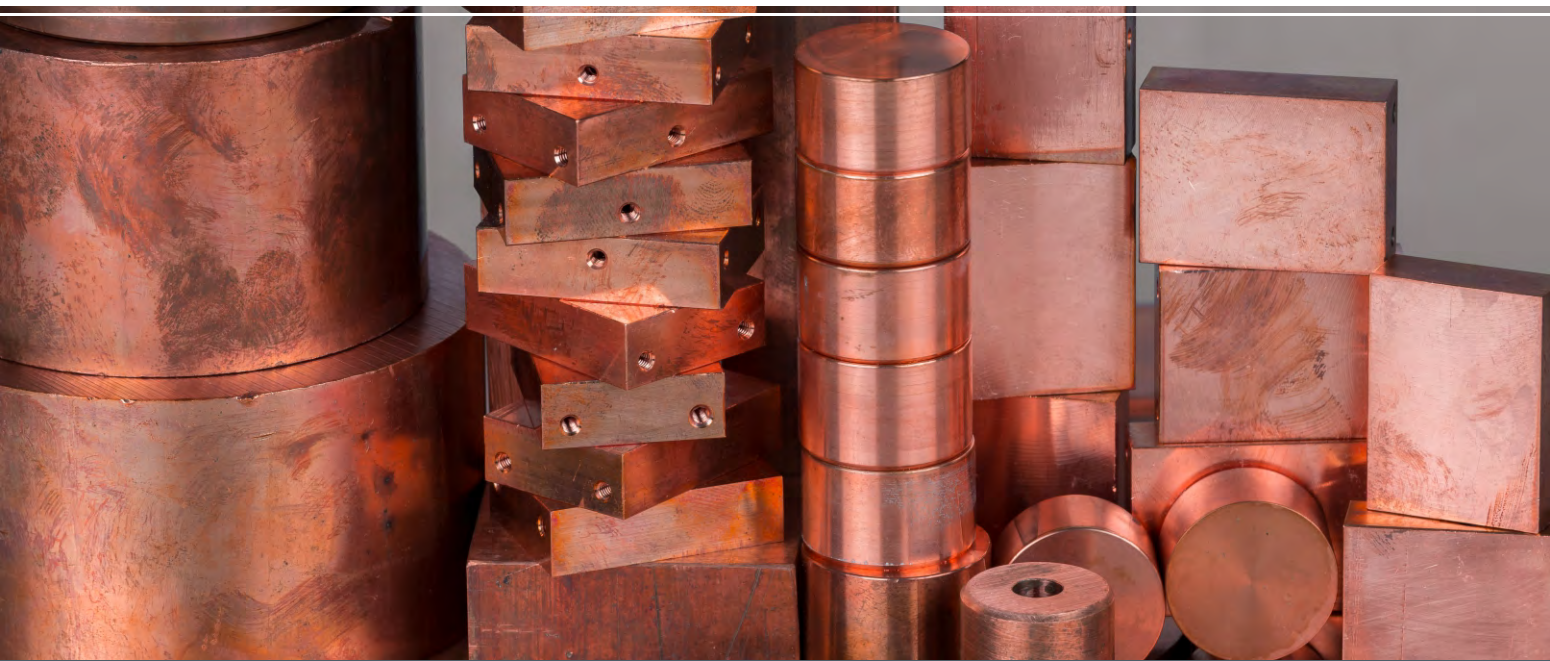
APRIL 2018

S	M	T	W	T	F	S
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8	9	10	11	12	13	14
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Induction motors can be made more energy efficient by using copper windings in the stator coils and by using copper bars in the rotor.

JUNE 2018

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The cycle of copper is constantly turning. Of all the engineering metals, copper's recycling value is so great that premium-grade scrap normally has at least 95 % of the value of the primary metal from newly mined ore.

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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17	18	19	20	21	22	23	24	25	26	27	28	29	30							

Cu

JUN 2018



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JUNE 2018

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24	25	26	27	28	29	30

MAY 2018

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27	28	29	30	31		

Recycling copper requires upto 85% less energy than primary production. Saving 40 million tonnes of Co2 (the equivalent emissions of 16 million cars).

JULY 2018

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29	30	31				



The ocean is a tough environment and only the best metals survive. Copper is undoubtedly one of them. Copper nickel alloys protect offshore structures, thermal desalination plants and are corrosion resistant between temperature of 0 to 70 degrees. It is even capable of withstanding the might of an Indian monsoon.

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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22	23	24	25	26	27	28	29	30	31											

Cu

JUL 2018



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JULY 2018

SUN	MON	TUE	WED	THU	FRI	SAT
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8	9	10	11	12	13	14
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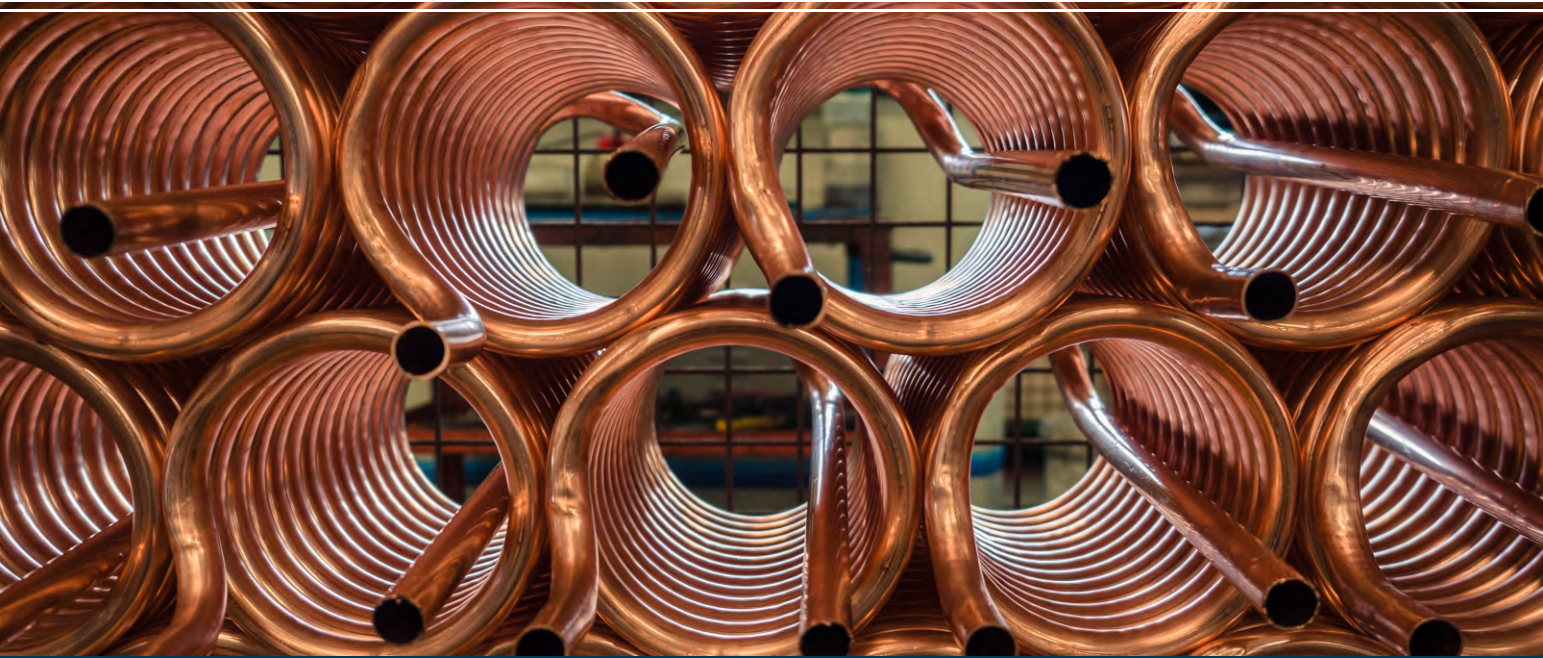
JUNE 2018

S	M	T	W	T	F	S
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Copper-nickel alloys are used on the hulls of boats and ships to reduce marine biofouling, thereby reducing drag and improving fuel consumption.

AUGUST 2018

S	M	T	W	T	F	S
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26	27	28	29	30	31	



Water is a tough element to control and contain – unless you're using copper. This metal is malleable, corrosion resistant, long lasting and contains natural anti-microbial properties that destroy bacteria, making it the perfect conduit for hot or cold water.

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27	28	29	30	31								

Cu

AUG 2018



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AUGUST 2018

SUN	MON	TUE	WED	THU	FRI	SAT
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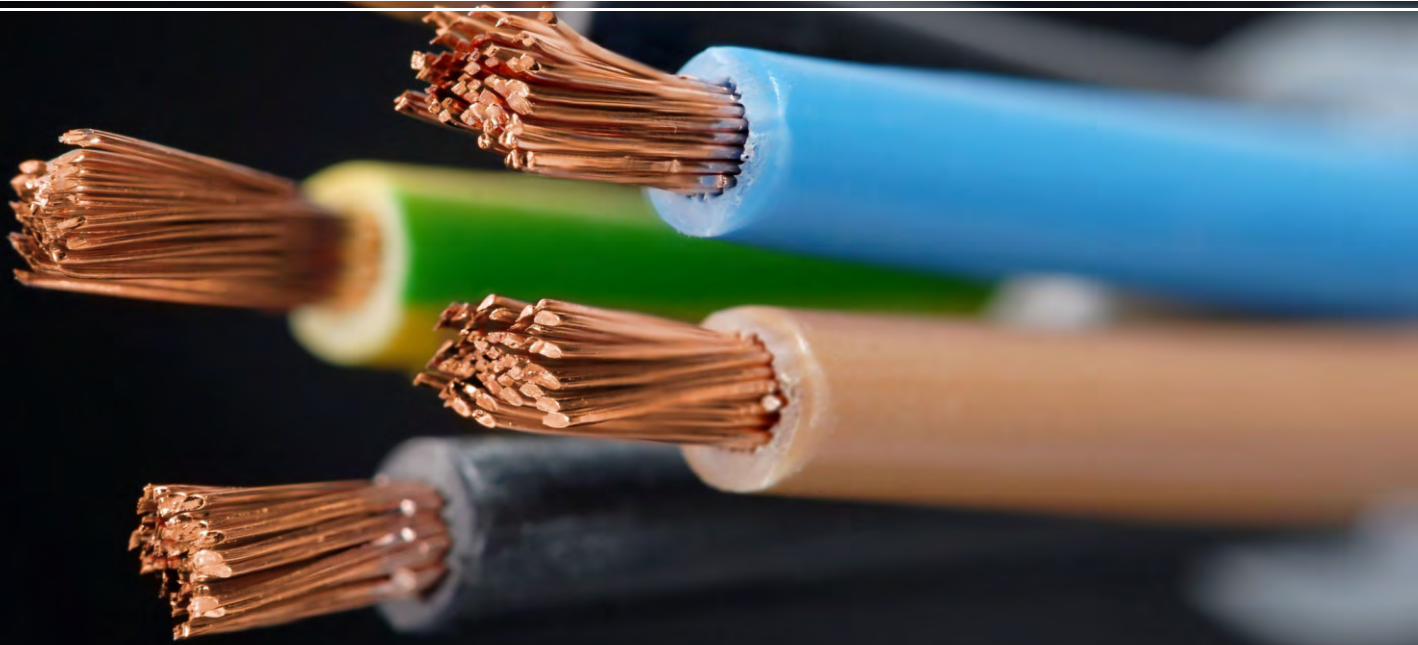
JULY 2018

S	M	T	W	T	F	S
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15	16	17	18	19	20	21
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Copper tube's second largest application is in air-conditioning and refrigeration systems; its fastest-growing use is in fire sprinkler systems and fuel gas distribution systems in residential and office buildings.

SEPTEMBER 2018

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23	24	25	26	27	28	29



The vast number of benefits makes copper wiring the gold standard of the industry. The greatest advantage copper brings to wiring is its conductivity. Followed closely by its flexibility, its heat resistance, its strength and finally it's compatibility with a wide range of appliances and electrical equipment.

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						

Cu

SEP 2018



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SEPTEMBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
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AUGUST 2018

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Copper has the highest electrical conductivity of any engineering metal, with this property accounting for nearly 65% of its use.

OCTOBER 2018

S	M	T	W	T	F	S
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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

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14 metres long, with a 45 metre wingspan China's largest unmanned solar-aircraft set a domestic record by flying to an altitude of more than 20,000 metres and staying there all day. Caihong – also known as the rainbow – is a significant achievement in solar energy and might eventually replace costlier satellites.

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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21	22	23	24	25	26	27	28	29	30	31										



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OCTOBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
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28	29	30	31			

SEPTEMBER 2018						
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Adding 1 kg of copper saves 500 to 50,000 kWh
of primary energy.

NOVEMBER 2018						
S	M	T	W	T	F	S
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The grand festival of Diwali is a celebration of victory of lights over darkness. At the heart of this radiance is copper – a safe metal used in wiring of rice lights and in traditional lamps. Captured here, is a beautiful example of Diwali lighting at CST terminus – a UNESCO heritage site in Mumbai.

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18	19	20	21	22	23	24	25	26	27	28	29	30								



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NOVEMBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
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OCTOBER 2018

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Diwali string lights are made with smooth and bendable copper wire, which is coated in a safe white covering. It can be bent into any shape, and is thick enough to ensure electrical safety.

DECEMBER 2018

S	M	T	W	T	F	S
30	31					1
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In the world of renewable energy, copper is a shining example of how metal should conduct itself. Solar powered products use copper to collect, store and distribute energy. A solar heater uses copper's outstanding thermal conductivity to heat water – creating the warm baths you need for the chilly months of winter.

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					

Cu

DEC 2018



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DECEMBER 2018

SUN	MON	TUE	WED	THU	FRI	SAT
30	31					1
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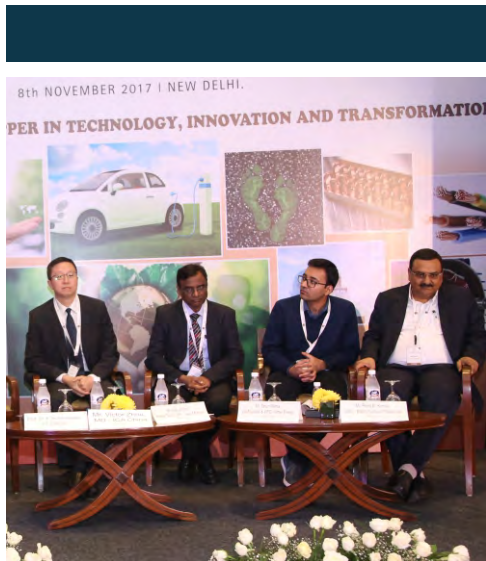
NOVEMBER 2018						
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Global solar and wind power will each account for over 1 TW (one trillion watts) of energy by 2035.

JANUARY 2019						
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27	28	29	30	31		



3rd INDIA COPPER FORUM – 2017



India Copper Forum is an annual industry event that brings together government, industry experts and thought leaders from the copper fraternity to deliberate on topical issues.





Highlight your Special Days

