SAN RANCISCO: Apple is reportedly working on a two-coil wireless charging technology for an iPhone battery case without using the Lightning connector. In a patent that was filed in May 2019 and was awarded to Apple recently, the company describes a smart battery case that could use two coils for bidirectional wireless charging, AppleInsider reported. According to the patent, the next-generation Smart Battery Case would charge the device when it is attached to Qi wireless charging and the battery case will be able to transfer power directly to an iPhone in a "pass-through" without charging its own battery.



Fear to fury: Global sentiments towards COVID-19 are changing

AGENCIES Singapore

he people's feelings towards COVID-19 around the world have shifted from fear to anger as the pandemic developed, say researchers.

The study, published in the journal JMIR Public Health & Surveillance, observed that tweets reflecting fear, while dominant at the start of the outbreak due to the uncertainty surrounding the COVID-19, have tapered off over the course of the pandemic.

The findings also revealed that xenophobia was a common theme among anger-related tweets, which progressively increased, peaking on March 12 – a day after the World Health Organisation declared the COVID-19 outbreak a pandemic.

The anger then evolved to reflect feelings arising from isolation and social seclusion. Accompanying this later shift is the emergence of tweets that show joy, which the researchers say suggested a sense of pride, grati-

According to a new finding, the uncertainty of the pandemic has triggered a shift in people's attitude across the globe



tude, hope, and happiness.

Tweets that reflected sadness doubled, although they remain proportionally lower than the other emotions. "Worldwide, strong negative sentiments of fear were detected in the early phases of a pandemic but by early April, these emotions have gradually been replaced by anger," said study researcher May O. Lwin from Nanyang Technological University in Singapore.

"Our findings suggest that collective issues driven by emotions, such as shared experiences of the distress of the Covid-19 pandemic, including large scale social isolation and the loss of human

lives, are developing," Lwin

"Although the data looks at only public tweets surrounding the four selected keywords, the results are sufficient to start a conversation about possible issues arising from the pandemic at present," said Lwin.

Upon analysing the results, the team found that xenophobia was also reflected at the start of the pandemic when the disease was predominantly contained in China and Asia, as indicated by words such as 'racist' and 'Chinese people'.

As the pandemic escalated, fears around shortages of COVID-19 diagnostic tests and medical supplies emerged, as suggested by words such as 'test shortages' and 'uncounted'. Anger then shifted to discourses around the isolation fatigue that can occur from social seclusion, indicated by words such as "stay home" and several swear words, the study said. -IANS