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KIIT Today - 11/07/2017

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KIIT Today

11/07/2017

Eminent USA Professor talks on 'Energy Saving in Data Centers'

"The last decade has brought an explosive growth of delay-sensitive interactive services and that has become an integral part of our lives and constituted an increasingly high portion of Data Center workloads", said Prof. L.N. Bhuyan, Distinguished Professor, Computer Science and Engineering, University of California, USA on the theme '**Energy Saving in Data Centers**' at the 6th Mechanical Engineering Colloquium, School of Mechanical Engineering, KIIT University on 11th July, 2017.

He further said, "we apply both DVFS and CPU sleep states intelligently to save energy and also introduce an approximation technique that can be applied to interactive applications, like web search to further reduce the power consumption while maintaining satisfactory quality".

Finally, current research outcome about power saving in the Data Center Network(DCN) through aggregation techniques was presented.

Nations across the globe observe World Population Day

Every year 11th of July is observed as World Population Day. This day is regarded as an international level awareness campaign which is being celebrated all over the world to call people on stage to know the reason of this exploding population year by year as well as to solve the big mistake of whole human fraternity. While, rising population for some countries has become a matter of concern, for some, it is being seen as a demographic dividend.

According to the UN's World Population Prospects: The 2017 Revision, around 83 million people are being added to the world's population every year. On the other hand, There are new arrivals in India at the rate of 34 babies a minute. At a population of 1.3 billion today, India is heading to overtake China by 2022.

In order to meet the sky rocketing demand of burgeoning population growth, modern man is exploiting the available natural resources ruthlessly. As a consequence, gradual extinction many species of flora and fauna have already been happening every now and then.



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