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<p>(51) International classification :H04B0007041300, H04L0029060000, H04B0007060000, H04B0007024000, H04L0029080000</p> <p>(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)S GOKULAKRISHNAN Address of Applicant :S/o. N SIVANANDHAM, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA [SCSVMV DEEMED TO BE UNIVERSITY], ENATHUR, KANCHIPURAM 631561, TAMIL NADU, INDIA. Tamil Nadu India</p> <p>2)Dr. N KUMARAN 3)Dr. C N VANITHA 4)Dr. S UMAMAHESWARI 5)K LOKESHWARAN 6)R SUGUMAR 7)P SHANMUGA PRABHA 8)E PADMA 9)M GAYATHRI 10)R PREMA 11)T S KARTHICK</p> <p>(72)Name of Inventor : 1)S GOKULAKRISHNAN 2)Dr. N KUMARAN 3)Dr. C N VANITHA 4)Dr. S UMAMAHESWARI 5)K LOKESHWARAN 6)R SUGUMAR 7)P SHANMUGA PRABHA 8)E PADMA 9)M GAYATHRI 10)R PREMA 11)T S KARTHICK</p>
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(57) Abstract :

The Internet of Things (IoT)-centric concepts like augmented reality, high resolution video streaming, self-driven cars, smart environment, e-health care, etc. have a ubiquitous presence now. These applications require higher data-rates, large bandwidth, increased capacity, low latency and high throughput. In light of these emerging concepts, IoT has revolutionized the world by providing seamless connectivity between heterogeneous networks (HetNets). The eventual aim of IoT is to introduce the plug and play technology providing the end-user, ease of operation, remotely access control and configurability. Fifth Generation (5G) cellular networks provide key enabling technologies for ubiquitous deployment of the IoT technology. These include carrier aggregation, multiple-input multipleoutput (MIMO), massive-MIMO (M-MIMO), coordinated multipoint processing (CoMP), device-to-device (D2D) communications, centralized radio access network (CRAN), software-defined wireless sensor networking (SD-WSN), network function virtualization (NFV) and cognitive radios (CRs).

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