**Special Session Title:**

# Research Issues Opportunities and Challenges with IOT

## Organized by (Names, Affiliation, and Contact information):

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## Call for Papers

Globalization has completely altered the way in which the world operates. Thanks to the emergences of new digital technologies in computing and communication which has enhanced human ability to interact and communicate in an effective way. At the same time, advanced computation having strong focus on intent access has also strengthened and interactive capabilities, machine learning, data mining, big data analysis, internet of things etc. these type of technologies have broad uses in the emergence of new digital technology. In the modern scenario, fast-paced digital universe. The internet of things play a vital role for digitization of universe.IOT has many application area and these are a lot of different components involved in IOT.The internet of things is one of the most trending and multidisciplinary area in current communication and networking technologies. The IOT started as the basis of providing identification and connectivity to any entity that could be relevant into a process, action or provide relevant data that could be used by other entities. This interconnection between devices, people and platforms has extended the internet of things of concept approach into wide range of areas such as social network. Smart cities, energy management, health care etc. The new dimensions and real time needs from complex event processing and finally the major evolution of framework and platforms to support the interconnection of different data sources, platforms and tools. The opportunity to address key innovations and challenges such as security, fog computing, and complex event processing at the same time. it provides a wide analysis of advantages from emerging trends. In the modern era fast-paced digital universe, the incredible amount of different type of data be generated every minute has grown tremendously from different areas even if biological information, or even if geological information, or even if zoological information, or even if psychological information, or even if environmental information, or even if human body related chronically dieses information and many more. The Data Scientist /Professional uses a number of Data Mining Techniques or Machine Learning for getting analyzing the data through statistical and qualities analysis into powerful insight that can drive efficient decisions.

**Topics of interest include:**

1. Evaluating of IOT
2. Role of IOT in Medical Domain
3. Making Smart attendance through Internet of things, security and challenges
4. Cloud Computing with IOT
5. Government confidential document uses through IOT and their challenges

**But are not limited to**

i) IOT uses Biological Data from different sources.
ii) Geospatial data set with IOT
iii) Authentication and Authorization using IOT
iv) Gathering IOT data analysis through DM/ML
v) Railway stuck in Fog: uses of IOT and benefited and challenges.
vi) Cardiovascular disease : treatment through IOT

**Brief bio of SS Organizers**

A competent professional with over 16 years of qualitative & enriching experience in Teaching Computer Science & Technology, As A Resource Person Participated in UGC-ACADEMIC STAFF College, Ranchi in Refresher Course2013-2019, As a Resource Person for Conducting Workshop on Libra Office Suit(Spoken Tutorial Project, IT Bombay) organized by Nirmla College ,Ranchi-2017,As visiting professor in different reputed departments and organizes a multiple seminars and workshops in colleges and university. As a Coordinator/Organizer Organized Faculty Development Program on "LaTex" during 19th –April-2014 with Collaboration with Spoken Tutorial Project ,IIT Bombay ,NMEICT MHRD Govt. of India ¬ As a Coordinator/Organizer organized for Students of Bachelor of Science in Computer Application and Information Technology on PHP & MySql -03rd Oct-2013 with with Collaboration with Spoken Tutorial Project ,IIT Bombay ,NMEICT MHRD Govt. of India ¬ As a Coordinator/Organizer organized for Students of Bachelor of Science in Computer Application and Information Technology on PHP & MySql-03th Sept-2013 with with Collaboration with Spoken Tutorial Project ,IIT Bombay ,NMEICT MHRD Govt. of India ¬ As a Coordinator/Organizer organized for Students of Bachelor of Science in Computer Application and Information Technology on C/C++-03th Sept-2013 with with Collaboration with Spoken Tutorial Project ,IIT Bombay ,NMEICT MHRD Govt. of India, Appointed as Course Coordinator for Further Digitization /Computerization of the office of Ranchi College, Ranchi including the A/C Section, General Section, Record section room Fee Collection Counter, Student Id Card section and Exam Department of III and IV Grade .Overall Assisted by the Teachers of CA and IT & MCA Department Its Run under ICT Spoken Tutorial Project IIT Bombay MHRD Govt. India.

**Potential Reviewers (Names, Affiliation and Emails)**

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