

Title for Special Session:

Digital India : An Information Security based perspective

Special Session Chair:

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Session Theme:

In this current era of advanced Information and Communication Technology (ICT), our nation is moving in faster pace to achieve scientific excellence in every sphere of social life. To fulfill this objective Government of India have supported “Digital India” scheme to provide efficient and corruption free electronic services to the doorstep of populace. Furthermore, Government have taken initiative to open bank account for every citizen, so that benefits can be directly send by Government to the end user i.e. Citizen. To ensure that benefits are actually send to intended recipient only, Government is promoting National Register of Citizens (NRC) of India, which is indeed a commendable step towards national integrity. Even various identity instruments like Aadhaar Card, Voter Card, Ration Card, Permanent Account Number (PAN) are being interlinked to track the transactions carried out throughout the state. In this situation, critics may raise question about privacy concern of any individual. However, India being a developing nation thereby suffering from cross border terrorism mounted by its neighbours, is not at all in a situation to afford the luxury of extreme privacy of any individual. In one side, India is suffering from a neighbour who is interfering into our internal matters on daily basis and on other hand another neighbour have failed to maintain proper security protocols to prevent migration of illegal immigrants in mass scale. For optimum utilization of national resources and employment scopes, even Europe and the western promoters of liberty are nowadays striving hard to manage the issue of illegal immigrants. Unfortunately, we have to admit that sufficient amount of illegal immigrants have already trespassed into our nation and also demanding their equal share as per the right of any legal Indian, which is having severe adverse effect over the scope and availability of land (i.e. residence), employment scopes, share of various natural resources, etc. To be honest, the situation have deteriorated to this extend due to the involvement of corrupt politicians and their loyalist lobby who are only concerned about their vote bank politics, even at the cost of national integrity. As a result, fake identity instruments like Ration Cards, Voter Cards are being provided to the illegal immigrants at the border districts of the nation. On top of that, interlinking of all these instruments are giving a wide window open to the adversaries to transform their fake document into a valid document authorized by government.

In order to achieve maximum benefit from “Digital India” initiative, emphasis should be given over electronic verification of Citizen, which needs extensive research work to propose a secured multivariate electronic service delivery model. Furthermore, to deliver flawless electronic services to Citizen through connected environment, its electronic transactions should be verified using advanced Cryptographic Protocols, Block Chain, Internet of Things, Artificial Intelligence, etc.

Call for paper topics (but not limited to):

1. Cloud Computing
2. Cryptography
3. Information Security
4. User Authentication
5. Block Chain
6. Internet Of Things
7. Big Data
8. Cloud Governance
9. Cloud Banking
10. Cloud Healthcare
11. Artificial Intelligence
12. Machine Learning