

FULL PUBLICATION LIST

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GENERAL ARTICLES

- A4. A. Mukherjee, S. Goswami, "Visualizing Graphs using PAJEK", PC Quest, Enterprise Solutions, Nov. 2010.
- A3. A. Mukherjee, "Creating VB Macros in MS Word", PC Quest, Developer, Dec. 2010.
- A2. A. Mukherjee, "Folder Manipulator in VB 6.0", Electronics for You, ISSN No. : 0013- 516x, Sep. 2011.
- A1. N. Pathak, A. Mukherjee, "NANOENGINEER- A Virtual Nanotechnology Lab", PC Quest, Hands On, Apr. 2013

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- B2. S. Misra, A. Mukherjee, A. Roy, "Introduction to Industrial Internet of Things and Industry 4.0", CRC Press, USA (Forthcoming)
- B1. S. Misra, A. Mukherjee, A. Roy, "Introduction to IoT", Cambridge University Press, UK (In Press)

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- J20. S. Misra, A. Mukherjee, A. Roy, N. Saurabh, Y. Rahulamathavan, M. Rajarajan, "Blockchain at the Edge: Performance of Resource-Constrained IoT Networks", IEEE Transactions on Parallel and Distributed Systems, **accepted- July. 2020.** (IF=2.6) [Link-TBA](#)
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- J18. N. Pathak, A. Mukherjee, S. Misra, "AerialBlocks: Blockchain-Enabled UAV Virtualization for Industrial IoT", IEEE Internet of Things Magazine, Special Issue on Blockchain-Enabled IIoT, IEEE, **copyright transferred**, Mar 2020.
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- J15. D. Bhattacharya, S. Misra, N. Pathak, A. Mukherjee, "IDeA: IoT-Based Autonomous Aerial Demarcation and Path-planning for Precision Agriculture", Transactions on IoT, ACM, **copyright transferred**, Jan. 2020.
- J14. S. Misra, A. Mukherjee, "Phantom Networks: The Intangible Shoot-and-Scoot Communication Paradigm For Future Militaries", *IEEE Communications Magazine*, Feb. 2020. (IF=10.356) [Link](#)

- J13. **A. Mukherjee**, S. Misra, A. Sukrutha, N. S. Raghuwanshi “Distributed Aerial Processing for IoT-Based Edge UAV Swarms in Smart Farming”, *Computer Networks (SI)*, Elsevier, Published- Nov. 2019, DOI: <https://doi.org/10.1016/j.comnet.2019.107038>. (IF=3.03) [Link](#)
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- J10. **A. Mukherjee**, S. Misra, V. S. P. Chandra, M. Obaidat, “Resource-Optimized Multi-Armed Bandit Based Offload Path Selection in Edge UAV Swarms”, *IEEE IoT Journal (Special Issue on Advanced Computational Technologies in Mobile Edge Computing for Internet of Things)*, Nov. 2018. (IF=9.515) [Link](#)
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- J7. S. Misra, S. Goswami, C. Taneja, **A. Mukherjee**, Mohammad Obaidat, “A PKI Adapted Model for Secure Information Dissemination in Industrial Control and Automation 6LoWPANs”, *IEEE ACCESS*, vol.3, no., pp.875,889, 2015, DOI: 10.1109/ACCESS.2015.2445817. (IF=4.095) [Link](#)
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- J1. S. Goswami, **A. Mukherjee**, A. Gupta, M. Kharbanda, P. Soni. “Visualization of Relationship among Library Users based on Circulation Data”. *Defence Scientific Information and Documentation Centre Journal of Library and Information Technology (DJLIT)*, Vol. 30, No. 2, ISSN No. : 0974-0643. March 2010. [Link](#)

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- C12. S. Misra, P. Deb, N. Pathak, **A. Mukherjee**, "Blockchain-Enabled SDN for Securing Fog-Based Resource-Constrained IoT", IEEE INFOCOM 2020 Workshop (BlockSecSDN: Blockchain for Secure Software defined Networking in Smart Communities), (*selected for oral presentation*), Jul 2020, Toronto, Canada.
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- C8. **A. Mukherjee**, N. Pathak, S. Misra, S. Mitra, "Predictive Intra-Edge Packet-Source Mapping in Agricultural Internet of Things", IEEE Workshop on Communication, Computing, and Networking in Cyber Physical Systems, IEEE Globecom 2018, Abu Dhabi, Dec. 2018. [Link](#)
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- Jx10. P. K. Deb, **A. Mukherjee**, S. Misra “Phantom Networks – Channel Modeling for THz Band Aerial Nano Communication Networks”, IEEE Journal of Selected Areas in Communications (JSAC), **submission in Apr, 2020**. (IF=7.172)
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Updated: July 28, 2020