PROFESSOR

PROF. (DR.) SANKAR MUKHERJEE

+91-9609243699
sanmukher@gmail.com

RESEARCH INTERESTS:
Sensor Network, IoT, Adhoc Network

EXPERIENCE:
Academics: 24 Years
Industry: ---

EDUCATION:
Ph.D, IIT(ISM), Dhanbad.
M.Tech, C.A, IIT(ISM), Dhanbad.
M.Sc(Physics, Electronics) B.U, West Bengal.
B.Sc (Physics), Visva Bharati University, West Bengal.

Courses Taught:

Computer Networks, Design and Analysis of Algorithms, Artificial Intelligence, Machine Learning, Python, Data structure and Algorithms, Operating System, Java, C.

Projects Handled:

Sensor Networks, IoT, J2EE

Research Publications:

Patent

[1] Sudip Kumar Sahana, Sankar Mukherjee, Milan Kumar Dholey "IOT BASED AUTOMATED REAL TIME MONITORINGSYSTEM FOR PATIENTS AND METHOD THEREOF"
Patent No: 538796, Application No: 202331013273, IP India, 21.05.2024

International Journal

[1] Milan Kumar Dholey, Ditipriya Sinha, Sankar Mukherjee, AyanKumar Das & Sudip Kumar Sahana. "MSHRP: Mobile SinkBased Limited Hop Routing Protocol for Wireless SensorNetworks" Wireless Personal Communications(Springer)SCIE(IF: 2.2), DOI 10.1007/s11277-023-10752-2, 2023.

[2] Sankar Mukherjee. "Code Allocation in Clustered Based MAC inMobile Adhoc Networks" Brainwave, Vol-2, 2021.

[3] Milan Kumar Dholey, Sankar Mukherjee, Ditipriya Sinha,AyanKumar Das, Sudip Kumar Sahana. "A Novel Broadcast NetworkDesign for Routing in Mobile Ad-hoc Network" IEEE AccessSCIE(IF: 3.745) DOI 10.1109/ACCESS.2020.3030802, 2020.

[4] Sankar Mukherjee, Ruhul Amin, and G. P. Biswas. "Design ofRouting Protocol for Multi-Sink based Wireless SensorNetworks." Wireless Networks (Springer), SCIE(IF: 2.405) DOIhttps://doi.org/10.1007/s11276-019-02095-3, 2019.

[5] Sankar Mukherjee, Daya Sagar Gupta and G. P. Biswas. "AnEfficient and Batch Verifiable Conditional Privacy-PreservingAuthentication Scheme for VANETs using Lattice." Computing(Springer),SCIE(IF:2.063),DOI:https://doi.org/10.1007/s00607 -018 - 0689-3, 2018.

[6] Sankar Mukherjee, and G. P. Biswas. "Location Estimationbased Routing for Mobile Adhoc Network." Journal of Intelligent& Fuzzy Systems- Applications in Engineering and Technology(IOS Press) SCIE(IF:1.637), DOI:10.3233/JIFS-169666, 2018.

[7] Sankar Mukherjee, and G. P. Biswas. "Networking for IoT andapplications using existing communication technology." EgyptianInformatics Journal (Elsevier) SCIE(IF:3.119), 2018.

[8] Sankar Mukherjee, and G. P. Biswas. "Code Assignment inCDMA-Based Clustered Mobile Adhoc Network." InternationalJournal of Electronics Communication and ComputerEngineering (IJECCE).3(3), pp. 703–707, 2012. .

International Conference
[1] Sankar Mukherjee, and G. P. Biswas. "Design of Hybrid MACProtocol for Wireless Sensor Network." In Proceedings ofRecent Advances InInformation Technology(RAIT-2014), pp.101–106. Springer, 2014.

[2] Sankar Mukherjee, and G. P. Biswas. "Stable Path BasedRouting in Wireless Mobile Adhoc Network (MANET)." InProceedings of International Conference on Emerging Trends inElectrical, Electronics and Communication Technologies-ICECIT, 2012, pp. 123–128. IEEE, 2012.

[3] Sankar Mukherjee, and G. P. Biswas. "Reducing Interference inCluster Based Sensor Network Using FDMA-CDMATechnique." In Proceedings of International Conference onAdvances in Computing, Communication and Control'2013 ,pp. 346–355. Springer, 2013.

[4] Sankar Mukherjee and G. P. Biswas. "QoS Enhancement ofMulti-hop WiMAX Net-works based on OFDMA and TDMAScheduling." In Proceedings of Recent Advances In InformationTechnology (RAIT-2012), pp. 355–359. 2012.

Additional Responsibilities:

Project Committee Member (CSE), Project Committee Advisor (IT), Mock Interview Committee Member, Grooming Committee Member

Awards Obtained: