Funding Details

S.N	Name of the Funding Agency	Funding Amount	Purpose
1	**AICTE** (2019-2020)	5,00,000 (Completed)	STTP
2	**CSIR** (2018-2019)	40,000 (Completed)	National level Technical Symposium

Patent Published

1. Application Number: 201941031950
   - Title of Invention: I-SOIL TEST: Intelligent IOT based Soil Fertilization Test and their Solution
   - Publication Date (U/S 11A): 30.08.2019
2. Application Number: 202041006184
   - Title of Invention: I-SOIL TEST: Systematic model for constant water quality monitoring using IOT
   - Publication Date (U/S 11A): 21.02.2020
3.

Book Published

- **Dr.J.SURESH**, Dr.N.DHASARATHAN, Dr.J.MARTIN SAHAYARAJ, Dr.S.RBOSELIN PRABHU, Dr. N.S.S RAMACHANDRA MURTHY "**MOBILE COMPUTING**" RUDRA PUBLICATIONS.(ISBN Number- 978-81-941840-6-5)
- **Dr.J.SURESH**, Dr.N.DHASARATHAN, Dr.J.MARTIN SAHAYARAJ, Dr.S.RBOSELIN PRABHU, "**COMPUTER NETWORKS**" EVINCEPUB PUBLICATIONS.(ISBN Number- 978-93-89125-83-2)

International Journals

- **J.Suresh** and Rajeswari D (2019), 'Computational Grid Scheduling Architecture Using Map Reduce Model Based Non-dominated Sorting Genetic Algorithm', **Soft Computing (Springer)**, Vol 23, Issue 18, pp. 8335-8347(**SCI INDEXED**)

- **J.Suresh**, Venkataramanan C (2019), 'A Hybrid Solution for Efficient Utilization Of Energy In Wireless Sensor Networks', International Journal of Scientific & Technology Research, Vol.8, Issue 9, pp. 581-585. **(SCOPUS INDEXED)**

- **J.Suresh**, Dr.N.Dhasarathan and J.Martin Sahayaraj (2016), 'Maximizing the Network Lifetime by using Efficient Power Aware Routing Protocol in MANET', International Journal of Trend in Research and Development, Vol.3, No.4, pp. 147-153. **(SCOPUS INDEXED)**

- **J.Suresh**, and Dr.N.Dhasarathan (2016), 'Cooperative MAC Protocol for Relay Node Assisted MANETS', International Journal of Applied Science Engineering and Management, Vol.2, No.9, pp. 16-28.

- **J.Suresh**, Dr.N.Dhasarathan and J.Martinsahayaraj(2016), 'DETECTING CLONE ATTACK USING RED ALGORITHM IN WIRELESS SENSOR NETWORKS', International Journal of Trend in Research and Development, Vol.2, No.7, pp. 411-415.

- **J.Suresh** and Dr.J.M. Gnanasekar (2016), 'Efficient Adaptive Power Control Protocol for MANET', International Journal of Applied Engineering Research, Vol. 11, No. 14, pp. 8384-8391 **(SCOPUS INDEXED)**

- **J.Suresh** and Dr.J.M. Gnanasekar (2016), 'MEMAC: A New Algorithm for Relay Node Selection with Mobile Sink in MANET', Asian Journal of Information Technology, Vol.15, No.21, pp. 4244-4249**. (SCOPUS INDEXED)**

- **J.Suresh** "Security based Wormhole Detection Scheme for Mobile Ad Hoc Networks" **International Journal of Advanced Information Science and Technology**, Vol.8, Iss.8, Dec2012, ISSN: 2319-2682

- **J.Suresh,** I.Janani 'Outsourced proximity based search on metric data assets' **International Journal of Advanced Engineering Applications**, Vol.1, Iss.5,2012,ISSN: 2321-7723

- P. Sivanesan, S. Thangavel and **J. Suresh '**EE-MAC: An Energy-Efficient MAC Scheme for Mobile Ad Hoc Networks'**Asian Journal of Electrical Sciences,**Vol.1 No. 1**,** Jan – June 2012, ISSN: 2249-6297

Conferences

- Attended one day National Conference about" **New Scientific Creation in Engineering and Technology"** at Nadar Saraswathi College of Engineering and Technology, Theni

- Attended one day National Conference about" **Aspect Based Opinion Polling from Custimer Reviews"** at Vidyaa Vikas College of Engineering and Technology, Tiruchengode
- Attended one day National Conference about" **Outsourcing Search Services on Spatial Data"** at Sona College of Technology, Salem
- Attended one day National Conference about" **DCF Based Excess Bandwidth Allocation using Distributed Fair Scheduling for Wireless Networks"** at CSI College of Engineering and Technology, Ooty
- Attended one day National Conference about" **Fault Sensitivity Analysis to Prevent Data Hacking using AES Cryptogrphic Mechnism"** at Selvam College of Technology, Namakkal
- Attended one day National Conference about" **Protecting user's Privacy based on LSB"** at Cauvery College of Engineering and Technology, Trichy

Workshop / Seminar

- Attended two days National Seminar about" **Research issues in Wireless Networks"** at Kongu Engineering College, Erode

- Attended Seven days Training with" **CUIC-Anna University Chennai and BSNL–TN "** at Trichy
- Attended one day Workshop about" **Network Security"** at Sudharsan College of Engineering and Technology, Trichy
- Attended one day Workshop about" **Network Simulator Tool NS-2"** at Jayaram College of Engineering and Technology, Turaiyur
- Attended one day Workshop about" **Art of Journal and Thesis Writing"** at St Michael College of Engineering and Technology, Kalayarkoil
- Attended one day Seminar about" **Research Issues in Pervasive Computing and Image Processing"** at Kurinji College of Engineering and Technology, Manapparai