## Publications of Dr. J. Amutharaj, Professor & HoD – ISE

- 1. Book Publication
- 2. Patent Published and Granted
- 3. Paper Publications in Referred International Journals and Conference Publications

#### **Books Published**

Dr. J. Amutharaj co-authored a text book titled "Full Stack Web Development", AASAN Publications with Dr.D.Jayasudha, Dr.G.Ganeshkumar & Prof. R. Amudha in August 2023.

#### **Patents Published**

- 1. Dr. Vijayanand S, .Dr. J. Amutharaj, Dr. Sobya D Dr. K. Janaki, Dr. Neha Singhal Dr T.Subburaj of RajaRajeswari College of Engineering, Bangalore has filed a patent titled "Trustworthy Electronic Voting using Adjusted Block Chain Technology" with Controller of Patents, Intellectual Property INDIA on 9th 2021 **Published** 13th August and on August 2021. Name of the Applicant: RajaRajeswari College of Engineering, #14, Ramohalli Cross, Kumbalagodu, Bangalore – 560074 Name of the Inventors: Dr. Vijayanand S, .Dr. J. Amutharaj, Dr. Sobya D Dr. K. Janaki, Dr. Neha Singhal Dr T. Subburaj
- 2. Innovation Patent Granted on 25th August 2021 titled "Dryland Agriculture and Yield Gap Analysis by Machine Learning Algorithms using IoT Sensors" by IP Australia, Australian Government with Patent Number 2021104029.
  - Name of the Inventors: Dr J Amutharaj, Dr. S Usha, Dr. J Anitha, Dr. P. Bhuvaneswari, Dr. Kamalraj T, Dr. Vijayanand S, Prof. Bhagya Lakshmi, Dr. M Gomathynayagam, Dr. I Gethzi Ahila Poornima, Prof. Pallavi C.V., Prof. Niranjan Murthy C, Dr. T Subburaj
- 3. Aravinthan Kalimuthu, RajaRajeswari College of Engineering, Dr.S.Vijayanand, Dr. S.Jeyabalan, Dr.R.Balakrishna, Dr. J.Amutharaj, Dr.S.Usha, Dr.C.Arun, Mr. Ummer Farook Pasha, and Mrs. K.S. Navya, has filed a patent "HSO-BRICK AND Process for Manufacturing therof" with Controller of Patents, Intellectual Property INDIA on 25<sup>th</sup> May 2023.
- 4. Prashanth A, Jayachitra S, Amutharaj J, Lavanya S, Nmaratha M, Nandankar, Praful and Kumar, R, Praveen filed a Patent titled "An Efficient Coverage Management for Smart IoT Application" in IP Australia, Australian Government. The patent was granted by IP Australia with the Patent Number 2021101571.
- 5. Dr.J.Amutharaj, M.Gomathynayagam, Dr.D.Sobya, I. Gethzi Ahila Poornima, P.Ramkumar, filed a patent titled "Surveillance Automation for Detection and

- Identification of Human Behaviours", with Controller of Patents, Intellectual Property INDIA and published on 11th September 2020.
- 6. Ms.Bhuvana, Dr.M.Sudha, Mr. L. Maria Micheal Visuwasam, Dr. J. Amutharaj, Dr. L.Arun Raj, Mr.V.Manimaran filed a patent titled "Analysis and the Development of Intelligent App Creation with its Features" with Controller of Patents, Intellectual Property INDIA on 27th June 2020.
- 7. Dr.S.Usha, .Dr.J.Amutharaj, Dr. Kamalraj T, Dr.Shebha Selvam, Dr. K. Janaki, Dr.P. Bhuvaneswari, filed a patent titled Cryptographic Security of Data Transfers in Computer Systems with Controller of Patents, Intellectual Property INDIA with CFR No: 4157 on 6th February 2020.

### **Publications in Referred International Journals**

- 1. Gadde, S., Amutharaj, J., Usha, S. "A security model to protect the isolation of medical data in the cloud using hybrid cryptography" (2023) "Journal of Information Security and Applications, 73, art. no. 103412, https://www.scopus.com/inward/record.uri?eid=2-s2.0-8514604842 7&doi=10.1016%2fj.jisa.2022.103412&partnerID=40&md5=f9dc2236ae71acdd538940dc6e0bf7e3 DOI: 10.1016/j.jisa.2022.103412 SCOPUS Indexed
- 2. Gadde, S., Amutharaj, J., Usha, S. "Cloud Multimedia Data Security by Optimization-Assisted Cryptographic Technique" (2023) International Journal of Image and Graphics, art. no. 2450010, <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147163041&doi=10.1142%2fS0219467824500104&partnerID=40&md5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147163041&doi=10.1142%2fS0219467824500104&partnerID=40&md5</a>

DOI: 10.1142/S0219467824500104

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3. Rajendran, T., Valsalan, P., Amutharaj, J., Jenifer, M., Rinesh, S., Latha G, C.P., Anitha, T. "Hyperspectral Image Classification Model Using Squeeze and Excitation Network with Deep Learning" (2022) Computational Intelligence and Neuroscience, 2022, art. no. 9430779, . Cited 4 times https://www.scopus.com/inward/record.uri?eid=2-s2.0 85136076268& doi=10.115 5%2f2022%2f9430779&partnerID=40&md5=8

DOI: 10.1155/2022/9430779

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4. Gadde, S., Amutharaj, J., Usha, S. "A Hybrid Cryptography Technique for Cloud Data Security(2022)", International Journal of Engineering Trends and Technology, 70 (11), pp. 258-267. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144985468&doi=10.14445%2f2315381%2fIJETT-V70I11P228&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144985468&doi=10.14445%2f2315381%2fIJETT-V70I11P228&partnerID=</a>

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DOI: 10.1109/ICDI57181.2022.10007229

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6. Sridhar, S., Amutharaj, J., Valsalan, P., Arthi, B., Ramkumar, S., Mathupriya, S., Rajendran, T., Waji, Y.A. "A Torn ACL Mapping in Knee MRI Images Using Deep Convolution Neural Network with Inception-v3(2022) " Journal of Healthcare Engineering, 2022, art. no. 7872500, <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124774718&doi=10.1155%2f2022">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124774718&doi=10.1155%2f2022</a>
%2f7872500&partnerID=40&md5=57cef44bea4ddead280f5db5d0f8597b

DOI: 10.1155/2022/7872500 SCOPUS Indexed

7. Sudhan, M.B., Sinthuja, M., Pravinth Raja, S., **Amutharaj**, J., Charlyn Pushpa Latha, G., Sheeba Rachel, S., Anitha, T., Rajendran, T., Waji, Y.A. "Segmentation and Classification of Glaucoma Using U-Net with Deep Learning Model" (2022), Journal of Healthcare Engineering, 2022, art. no. 1601354, .https://www.scopus.com/inward/record.uri?eid=2-s2.0 85125431511&doi=10.115 5%2f2022%2f1601354&partnerID=40&md5=2680fa5034d897b074428dd063197516

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8. Sridhar, S.K., Amutharaj, J."Optimization of Smart Mobile Device Work Time Using an Optimal Decision Tree Classifier and Data Caching Technique in on Premise Network(2021) "International Journal of Computer Networks and Applications, 8 (6), pp. 702-718. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123300837&doi=10.22247%2fijcn a%2f 2021 %2f210720&partnerID=40&

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9. Sridhar, K.S., Amutharaj, J. "Decision Tree based Classification of Profiled Mobile Device Resource Status Information for Data Offloading in Private Network (2021)" Proceedings of IEEE International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications, CENTCON 2021, pp. 177-182. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688177&partnerID="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126790024&doi=10.1109%2fCENTCON52345.2021.9688179&doi=10.1109%2fCENTCON52345.00248&doi=10.1109%2fCENTCON52345.0024&doi=10.1109%2fCENTCON52345.0024&doi=10.1109%2fCENTCON52

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10. Sridhar, S.K., Jeyabalan, S., **Amutharaj, J. Optimization of smart mobile device work time using composite offload decision algorithmic approach** (2021) Indian Journal of Computer Science and Engineering, 12 (4), pp. 899-909. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113504713&doi=10.21817%2fin djcse%2f2021%2fv12i4%2f211204119&">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113504713&doi=10.21817%2fin djcse%2f2021%2fv12i4%2f211204119&</a>

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11. Khilar, R., Mariyappan, K., Christo, M.S., **Amutharaj, J.**, Anitha, T., Rajendran, T., Batu, A. "Artificial Intelligence-Based Security Protocols to Resist Attacks in Internet of Things (2022)", Wireless Communications and Mobile Computing, 2022, art. no. 1440538,

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- 12. Swetha Gadde, Amutharaj, J., Usha, S." Data Security on Cloud by Cryptographic Methods
   Using Machine Learning Techniques" (2022), International Journal of Computer Science and
   Network Security, IJCSNS, Vol. 22 No. 5
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- 13. Dr.J Amutharaj, Dr.Neha Singhal, Nidhiksha A, Jnanashree S, Monisha K G, Nischitha K N, "IOT Based Smart Agriculture" (2023), International Journal of Advance Research and Innovative Ideas in Education, 2023Vol-9 Issue-3 2023 IJARIIE-ISSN (O)-2395-4396
- 14. Dr. J Amutharaj, Dr.Neha Singhal, Dhawalashree B K, Arpitha G, Shreyas M, Vishranth K H, "Real-Time Anomaly Detection Using Video SurvellanceFor Enhancing The Security", (2023), International Journal of Advance Research and Innovative Ideas in Education, 2023 Vol-9 Issue-3 2023 IJARIIE-ISSN (O)-2395-4396
- 15. Dr. J. Amuthara, Chandana P, Deepashree S Rannore, "Coronavirus Detection Using Machine Learning" (2022) International Journal of Research And Analytical Reviews(IJRAR). IJRAR.org 2022, Vol: 9, Issue: 4, October 2022 <a href="www.ijrar.org">www.ijrar.org</a> (E-ISSN: 2348-1269, P-ISSN: 2349-5138)
- 16. Mr.Dinesh Kumar M, Dr. J. Amutharaj, Anusha k, Geethana. R " An IOT Framework For Heart Disease Prediction Using MDCNN Classifier", (2022) International Journal of Research And Analytical Reviews(IJRAR), IJRAR.org 2022, vol: 9, Issue: 4, October 2022 <a href="www.ijrar.org">www.ijrar.org</a> (E-ISSN: 2348-1269, P-ISSN: 2349-5138)
  - 17. Dr. J.Amutharaj, Divya V, Harshitha M " Prevention of Wild Fire By Early Fire And Smoke Detection" (2022), International Journal of Research And Analytical Reviews(IJRAR). IJRAR.org 2022, vol: 9, Issue: 4, October 2022 <a href="https://www.ijrar.org">www.ijrar.org</a> (E-ISSN: 2348-1269, P-ISSN: 2349-5138)
- Dr. J. Amutharaj, Devraju G,Nithish Kumar E," Indian Sign Language To Speech Conversion For HSI People" (2022), International Journal of Research And Analytical Reviews(IJRAR). IJRAR.org 2022, vol: 9, Issue: 4, October 2022 <a href="www.ijrar.org">www.ijrar.org</a> (E-ISSN: 2348-1269, P-ISSN: 2349-5138)
- 19. Dr. J. Amutharaj, Jeyashree N, Nandhini R, "AI Based Assistant For Unsighted, Hearing, Impaired And InArticulate" (2022), Journal of Research And Analytical Reviews(IJRAR),

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- 20. Vinutha H,Amutharaj Joyson, Apoorva J, Ashitha G R, B Tejashwini, "Credit Card Fraud Identification using machine Learning Algorithm" Journal of Contemporary Issues in Business and Government, Vol.27,No.3,2021, <a href="https://cibg.org.au/">https://cibg.org.au/</a>

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- 21. Dr J Amutharaj, I Gethzi Ahila Poornima, Dr.B.Paramasivan, "Cellular Automata-based Anomaly node detection in Wireless Sensor Network", Journal of Critical Reviews, Vol. 7, Issue 14, 2020 pp. 1899-1910, ISSN: 2394-5125.
- 22. Amutharaj J, S. Vijayanand, Sanjana K, K. R. Anjali, Vinoth Gunasekaran, "Machine Learning based Feature Extraction Methods for Estimation of Driver's Drowsiness", Journal of Critical Reviews, Vol. 7, Issue 14, 2020 pp. 1787-1793, ISSN: 2394-5125
- 23. Amutharaj J, V. P. Gladis Pusparathi, Supritha Ramesh, Supritha P Shetty, Supriya, "Smart Automated Medicine Vending Machine", Journal of Critical Reviews, Vol. 7, Issue 14, 2020 pp. 1800-1807, ISSN: 2394-5125.
- 24. J. Amutharaj, Dineshkumar M, Amrutha N S, Hithashree V, Meghana G, "Protection of Crops and Animal Intrusion Detection System", International Journal of Advanced Science and Technology, Vol. 29, No. 6, (2020), pp. 7643 7648, ISSN: 2005-4238 IJAST.
- 25. Sridhar S K, Dr. Amutharaj J, Dr. S. Vijaynand, "Survey: Enhancing Energy Proficiency in Smart Mobile Devices using Composite Offload Decision Algorithms", Journal of Critical Reviews, Vol. 7, Issue 04, 2020 pp. 2671-2682, ISSN: 2394-5125.
- 26. S.Vinoth Kumar, Amutharaj J, S.Jeyabalan, "A Comprehensive study of cryptography & key Management based Security in Cloud Computing", Journal of Critical Reviews, Vol. 7, Issue 14, 2020 pp. 2098-2107, ISSN: 2394-5125
- 27. Neha Singhal, J Amutharaj, Ramkumar P, I. Gethzi Ahila Poornima, Suhas V, "Multi Functionality Robot Navigation With Improved Performances", Journal of Critical Reviews, Vol. 7, Issue 14, 2020 pp. 1634-1644, ISSN: 2394-5125
- 28. Vinutha H, Amutharaj Joyson, Apoorva J, Ashitha G R, B Tejashwini, "Credit Card Fraud Identification Using Machine Learning Algorithm", Journal of Critical Reviews, Vol. 7, Issue 14, 2020 pp. 1835-1843, ISSN: 2394-5125

- 29. Vinutha H, Amutharaj Joyson, Mythri G, Seema K, Varsha V, "Voice Based Email Service for Visually Impaired", International Journal of Advanced Science and Technology, Vol. 29, No. 6, (2020), pp. 7628 7635, ISSN: 2005-4238 IJAST.
- 30. Veda.D, Amutharaj Joyson, Shraddha S. Bhat, Charishma N.M, "Multi Grid Segmentation of Skin Tumor using 3D Ultra Sound Images Journal of Critical Reviews, Vol. 7, Issue 14, 2020 pp. 1827-1834, ISSN: 2394-5125
- 31. Niranjan Murthy C, Amutharaj Joyson, Santosh Kumar M, "Survey: IOT Methods adopted in agriculture filed to monitor crop growth", International Journal of Scientific Research in engineering and Management(IJSREM), Volume 04, Issue 08, August 2020 pp. 1 6.
- 32. Dr.J. Amutharaj, Anusha N, Deepthi S M, Madhu M, Manish Adithya H M, "Smart Healthcare System Assisted By IoT and Emergency App" International Research Journal of Engineering and Technology(IRJET), Vol 6, Issue 5, May 2019. Impact Factor: 7.211
- 33. J. Amutharaj, S.Radhakrishnan, "EDSON with EFRRA Replication Algorithm for Guaranteed data delivery in Content Distribution Networks", Journal of Computer Science, Science Publications, U.S.A. June 2011. **Impact Factor: 0.162 & SCOPUS Indexed**
- 34 J. Amutharaj, S.Radhakrishnan. "Evaluating the Performance of Content Distribution Networks", Journal of Computer Science, Science Publications, U.S.A. July 2011.. Impact Factor: 0.162 & SCOPUS Indexed
- 35 Amutharaj. J and Radhakrishnan. S, "An Empirical Study of Replication Algorithms in Content Distribution Networks", CiiT International Journal of Networking and Communication Engineering, July 2010. DOI: NCE072010002 Print: ISSN 0974 9713 & Online: ISSN 0974 9616.
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- 37 J. Amutharaj, S.Radhakrishnan, "Dominating Set Theory based Semantic Overlay Networks for Efficient and Resilient Content Distribution", Vol.3. Journal of Networks, March 2008.
- 38 Josvin Wesley A.V, Amutharaj. J "Voice over Internet Protocol in Distributed Environment Using MANETs", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. II, Issue III, March 2015
- 39 P.Preethi Monolin, J. Amutharaj, "Cache Consistency and IDS for Handling Attacks in Routing Ad-hoc networks", International Journal of Innovative Research in Computer and Communication Engineering, Vol. 2, Issue 4, April 2014.

# **International Conference Publications of Dr J Amutharaj**

- [1] J. Amutharaj, and S. Radhakrishnan, "Dominating Set Theory based Semantic Overlay Networks for Efficient Content Distribution", in the Proceedings of IEEE International Conference on Signal Processing, Communication and Networks (IEEE ICSCN 2007), Madras Institute of Technology, Anna University, Chennai, February 2007.
- [2] J. Amutharaj, and S. Radhakrishnan, "Dominating Set Theory based Semantic Overlay Networks for Efficient and Resilient Content Distribution", in the Proceedings of First International conference on Digital Communication and Computer Applications (DCCA 2007), Jordan University of Science and Technology, Irbid Jordan, Jordan, March 2007.
- [3] J. Amutharaj, S. Radhakrishnan, "Connected Dominating Set based Semantic Overlay Networks for Efficient Content Distribution", in the proceedings of "International Conference on Intelligent Systems and Networks (IISN 2007)" held during 23-25, February 2007 at Centre for Advanced Technology (CAT), Haryana Engineering College, Jegadhari, Haryana.
- [4] J. Amutharaj, M. Gomathy Nayagam, S.Radhakrishnan, "Design of Equitable Dominating Set based Semantic Overlay Network with Optimal Fast Replica for Resilient and Balanced Content Distribution", in the Proceedings of ACEEE International Joint Conference on Advances in Engineering and Technology, held at Trivandrum during 21 22, December 2010 pp. 1-6.
- [5] J. Amutharaj, M. Gomathy Nayagam, S.Radhakrishnan, "Design of Dominating Set based Semantic Overlay Network for Efficient Content Distribution", in the Proceedings of International Conference on Information and Communication Technology (ICICT 2010), held at Thiagarajar School of Management during 16-17, November 2010.
- [6] J. Amutharaj, M. Gomathy Nayagam, S.Radhakrishnan, "Design of Equitable Dominating Set based Semantic Overlay Network with Optimal Fast Replica for Balanced Content Distribution", in the Proceedings of iCONCEPT 2010 International Conference held at MES Engineering College, Mallappuram, Kerala during 21-22 December 2010.
- [7] J. Amutharaj, and S. Radhakrishnan, "Implementation of Efficient and Resilient Content Scheme for Efficient Content Distribution", in the Proceedings of International Conference on Network Security (ICONS 2007), Erode Sengunthar Engg College, Thudupathi, Erode, January 2007.
- [8] M. Ilakkiya and J. Amutharaj, "Cache Replacement Policy for Flash Crowd Event in CDNs", International Conference on Recent Advances in e-Communication and i-Technology (REACT 2010), Anand Institute of Higher Technology, Chennai, April 29-30, 2010.
- [9] Malarvizhi and J. Amutharaj, "CDNs Content Outsourcing Using Novel Self-Adaptive Technique", International Conference on Recent Advances In e-Communication and i-Technology (REACT-10), Anand Institute of Higher Technology, Chennai, April 29-30, 2010.

[10] S.Kousalya, J. Amutharaj, "Design of Fault Tolerant Wireless Sensor Networks", in the Proceedings of 4th International Conference on Advances in Computer, Communication & Management organized by Sun College of Engineering and Technology, Nagercoil on 18-19, February 2013.

## **National Conference Publications (Selective List)**

- [1] J.Amutharaj, D.Devaraj, S.Radhakrishnan and "Topological optimization of data communication network using genetic algorithm", Proceedings of National Conference on Network Engineering, NCON-2003, pp. 47-58, Dec 19-20, 2003, A.K.College of Engineering, Krishnankoil, TamilNadu.
- [2] Aparyay Kumar, Dr.J.Amutharaj, "Energy Efficient Data Collection in Wireless Sensor Network using Clustering and Prediction", in the Proceedings of the National Conference on Advanced Computing Applications and Technologies organized by Easwari Engineering College, on 14 March 2013.
- [3] J.Amutharaj, "Energy Saver: Topology Discovery and IDS in routing Ad-hoc Network" in the proceedings of fourth National Conference on Latest Issues in Information Technology(LIIT 2014) organized by Department of Information Technology, R.M.D. Engineering College, Kavaraipettai, Chennai on 10th March 2014.
- [4] J.Amutharaj, "Vioce Over Internet Protocol in distributed environment using MANETs" in the proceedings of fourth National Conference on Recent Advancements in Signal Processing and Communication(NCRASPC-2014) organized by Department of Information Technology, R.M.K. College of Engineering and Technology, Karaipettai, Chennai on 9th March 2014.
- [5] J. Joy Divya, Dr.J. Amutharaj, "Race Based Efficient Secure Payment System with Reduced Communication and Processing Overhead for Multihop Wireless Networks", in the Proceedings of 9th National Conference on Advanced Image Processing and Networking organized by National Engineering College, Kovilpatti on 28 Feb 1 March 2013.
- [6] A. Malarvizhi and J. Amutharaj, "Content Outsourcing Using Structured-Based Approach In Content Distribution Network", National Conference on Information, Networking And Communication Technologies (NCINCT-10), Dr. Mahalingam College of Engineering & Technology, Pollachi, April 16-17, 2010.
- [7] M. Ilakkiya and J. Amutharaj, "Caching Technique for Flash Crowd Event in CDNs", National Conference on Information, Networking and Communication Technologies (NCINCT 2010), Dr. Mahalingam College of Engineering and Technology, Pollachi, April 16-17, 2010.
- [8] M. Rajesh and J. Amutharaj, "An Improved Decentralized Method to Dynamically Construct Content Distribution Network", National Conference on Recent Trends in Industrial Automation and Soft Computing (NCRTIASC10), Maharaja Engineering College, Avinashi, Coimbatore, March 9, 2010.

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- [10] N. Selva Meena and J. Amutharaj, "Implementation of Improved Probabilistic Resilient Multicast", Third Generation National Level Conference on Web Technology & Open Source, Mar. 2007.
- [11] R. Sudha Abirami and J. Amutharaj, "Optimized Distributed Delivery of Streaming Media Documents Over Reliable Communication Links", Third Generation National Level Conference on Web Technology & Open Source, Mar. 2007.
- [12] R. Vijayalakshmi and J. Amutharaj, "Utility Based Resource Allocation in Overlay Multicast", National Conference on Information and Communication Technology, Feb. 2007.