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## LIST OF JOURNAL PUBLICATIONS:

**JOURNALS 2020**

1.     P. Sengottuvelan and I.Anette Regina, "Performance Evaluation of Machine Learning Models for Prediction of Sentiments in Movie Reviews Journal of Critical Review (JCR), ISSN: 2394-5125, Vol. 7, Issue 8, pp. 2986-2998, August 2020.

2.     N.Saranya, Dr. P. Sengottuvelan, "Perceiving Spam Zombies By checking Dynamic Message", Journal of Xidian University(JXU), ISSN: 1001-2400, Volume 14, Issue 6,  pp.: 366-370, June 2020.

3.     S.Sandhiya, Dr. P. Sengottuvelan, "A System to Secure and Centralize the Patient Medical Records", Journal of Xidian University(JXU), ISSN: 1001-2400, Volume 14, Issue 6, , pp.: 371-373, June 2020.

**JOURNALS 2019**

1.     A. Vijay Karthik, Dr. P. Sengottuvelan, "Real-Time Irrigation Scheduling Through IoT in Paddy Fields", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume 8. Issue 2S11, pp.: 430-437, September 2019.

2.     N.Praveena, Dr. P. Sengottuvelan, "License Plate Recognition System Based on the Back Propagation Algorithm", Adalya Journal(AJ), ISSN: 1301-2746, Volume 8. Issue 9, pp.: 359-370, September 2019.

3. M. Meenatchi, Dr. P. Sengottuvelan, "Certain Obeservation to Identify Through the Image Inpainting Algorithm for Missing Region Journal of Information and Computational Science (JOICS), ISSN: 1548-7741, Volume 8. Issue 9, pp.: 324-330, August 2019.

4. N.Revathi, Dr. P. Sengottuvelan, "Real-Time Irrigation Scheduling Through IoT in Paddy Fields", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume 8. Issue 10, pp.: 4639-4647, August 2019.

5. N.Revathi, Dr. P. Sengottuvelan, "Iot and Big Data Framework for Paddy Cultivation", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume 8. Issue 2, pp.: 6341-6348, July 2019.

6. N.Revathi, Dr. P. Sengottuvelan, "Future Trends and Scopes of Big Data Analytics in the field of Agriculture", RESEARCH REVIEW International Journal of Multidisciplinary (RRIJM), ISSN: 2455 – 3085, Volume 04, Issue 05, pp.: 577-5814, May 2019.

7. P. Sathya and P.Sengottuvelan, "Firefly Algorithm-Based Cluster Head Selection (FA-CHS) -Energy Efficient Protocol for Wireless Sensor Networks (WSNs)", International Journal of Modern Electronics and Communication Engineering (IJMECE) ISSN: 2321-2152, Volume No.7, Issue No.3, pp.: 127-131, May, 2019.

8. T. Ramani, Dr. P. Sengottuvelan, "QOS Development based on Link Prediction with Time Factor for Clustering the Route Optimization and Route Selection in Mobile Ad Hoc Network", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume 7, Issue 5S3 , pp.: 362-368, February 2019.

9. M. Ramzan Begam, Dr. P. Sengottuvelan, "A Law Enforcement for Crime Detection (RRL-PMD): Relative Record Linkage based Pattern Mining Algorithm Using Decision Classifier to Identify Crime Rates", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-7, Issue-5S3, , pp.: 593-602, February 2019.

**JOURNALS 2018**

1. M. Sangeetha and P.Sengottuvelan, "Feasible Study on Software Code Smells Eradication Using Jalen Tool", Jour of Adv. Research in Dynamical & Control Systems (JARDCS), ISSN: 1943-023X, Volume 10, Issue 13, pp.: 518-525, December 2018.

2. R.Kasthuri, Dr.P.Sengottuvelan, "Enhanced Web Application Security using Elliptic Curve Cryptography Digital Signature Algorithm in Wireless Sensor Network", International Journal of Modern Electronics and Communication Engineering (IJMECE), ISSN: 2321 – 2152, Volume 6, Issue 6, pp.: 220-224, November 2018.

3. K.Suhashini, Dr. P. Sengottuvelan, "Blurness Removal via Weighted Fourier Burst Accumulation with Sift & Smoothing", International Journal for Scientific Research & Development (IJSRD), ISSN: 2321 – 0613, Volume 6, Issue 8, pp.: 644-648, November 2018.

4. K.Tamilselvi, Dr. P. Sengottuvelan, "An Associative Classification for Detecting Phishing Websites using Data Mining Concepts MCAR Algorithm", International Journal of Scientific Research in Computer Science Applications and Management Studies(IJSRCSAMS), ISSN: 2319 – 1953, Volume 7, Issue 4, pp.: 1-4, July 2018.

5. M. Ramzan Begam, P.Sengottuvelan, "Crime Case Reasoning Based Knowledge Discovery Using Sentence Case Relative Clustering Algorithm for Crime Analysis", International Journal of Engineering & Technology(IJET), ISSN: 1943-023X, Volume 7, Issue.3.27, pp.: 91-97, June 2018.

6. T. Ramani, P.Sengottuvelan, "An Efficient QOS Improvement Established on Unreasonable Investment, with a Half and Half Node Participation Clustering Approach in Mobile Ad Hoc Network", International Journal of Engineering & Technology(IJET), ISSN: 1943-023X, Volume 7, Issue.3.27, pp.: 98-103, June 2018.

7. N.Revathi, Dr.P.Sengottuvelan, "Simple Hadoop Map Reduce Function on Parallel Implementation using Genetic Algorithms", International Journal of Research in Advent Technology(IJRAT), E-ISSN: 2321 – 9637, Volume 6, Issue 6, pp.: 1019-1025, June 2018.

8. R.Kasthuri, Dr.P.Sengottuvelan, "A Systematic Approach for Secure Web Development Application Vulnerability using Web Security", International Journal Scientific Research and Review(IJSRR), ISSN: 2279 – 543X, Volume 7, Issue 3, pp.: 83-88, April 2018.

9.      N.Revathi, Dr. P. Sengottuvelan, "Time Aware Service Recommendation Method for Map Reduce Function", International Journal for Research in Applied Science & Engineering Technology(IJRASET), ISSN: 2321 – 9653, Volume 6, Issue IV, pp.: 575-579, April 2018.

10.     R.Aruna and P.Sengottuvelan, et al., "Optimized Energy Efficient Route Assigning Method using Related Node Discovery Algorithm in MANET", Cluster Computing, The Journal of Networks, Software Tools and Applications (SPRINGER), ISSN : 1386-7857, Volume 22, Issue:1, pp.: 469-479, March 2018.

11.     N.Vidhya and P.Sengottuvelan, "A Proactive Routing Protocol to Secure Wireless Sensor Networks", International Journal of Latest Engineering and Management (IJLEMR), ISSN : 2455-4877, Vol.: 03, Issue:02, pp.: 66-73, February 2018.

12.     P.Sathya and P.Sengottuvelan, "Three Dimensional Real-Time Protocols using Potential Forwarder Method for WSN", International Journal of Innovations & Advancement in Computer Science (IJIACS), ISSN(Print): 2347 – 8616, Volume 7, Issue 1, pp.: 128-132, January 2018.

**JOURNALS 2017**

1.      M. Sangeetha and P.Sengottuvelan, "Fascinating Observation Monitor-based Clamant Code Smell Detection Using Python", International Journal of Innovations & Advancement in Computer Science (IJIACS), ISSN(Print): 2347 – 8616, Volume 6, Issue 12, pp.: 128-132, December 2017.

2.      P. Sengottuvelan, I.Anette Regina, "Opinion Mining for Extraction of Opinion Words and Opinion Targets Using Modified Word Alignment Joint Aspect and Sentiment Model", International Journal on Computer Science and Engineering (IJCSE), ISSN (Print) : 2229-5631, Vol. 9, Issue No.11, pp. 623-629, March 2017.

3.      N.Vidhya and P.Sengottuvelan, "Secure Data Aggregation with Revocation of Compromised Node in Wireless Sensor Network with Honeypot System", Perspectivas em Ciencia da Informacao(PCI), ISSN : 1413-9936, Vol.: 22, Special Issue:1, pp.: 326-348, November 2017.

4.      M. Ramzan Begam, P.Sengottuvelan, "Level Based Multi Attribute Crime Rate Clustering Algorithm for Improved Criminal Analysis Using Crime Data Set", Journal of Advanced Research in Dynamical & Control Systems(JARDCS), ISSN: 1943-023X, Special Issue.13, pp.: 512-522, September 2017.

5.      T. Ramani , P. Sengottuvelan, "Control Strategy for QoS Improvement Using AODV-Flexibility based Portable Clustering Algorithm in Mobile Ad Hoc Network", Journal of Advanced Research in Dynamical & Control Systems(JARDCS), ISSN: 1943-023X, Special Issue.12, pp.: 605-613, August 2017.

6.      P. Sengottuvelan and P. Sathya, "Routing Protocols Proposed MANET Using Shortest Routing in Hop Count Data Transmission", International Journal of Advance Research in Science and Engineering(IJARSE), ISSN: 2319-8346, Vol.6, Issue.8, pp.: 1611-1616, August 2017.

7.      P. Sengottuvelan and M.Sangeetha, "Gene Based Software Refactoring Location Identification and Rectification for Software Code Quality Maintenance", International Journal of Computer Science and Information Security(IJCSIS), ISSN: 1947-5500, Vol.15, Issue.8, pp.: 367-383, August 2017.

8.      P. Sengottuvelan and N.Revathi, "A Review on Predictive Analytics for Big Data Applications", International Journal of Innovative and Emerging Research in Engineering(IJIERE), ISSN(Print): 2394 – 5494, Volume 4, Issue 6, pp.: 44-49, July 2017.

9.      P. Sengottuvelan and P. Sathya, "Void Node Problem Handling Three Dimensional Geographic Routing for WSNs", International Journal of Computer Science and Mobile Computing (IJCSMC), ISSN(Online) : 2320-088X, Vol.6 Issue.7, pp.: 56-63, July 2017.

10.     P. Sengottuvelan and M.Sangeetha, "Software Refactoring Cost Estimation using Particle Swarm Optimization", International Journal of Research Science & Management(IJRSM), ISSN (Print) : 234-5197, Vol. 4, Issue 6, pp.: 43-49, June 2017.

11.     P. Sengottuvelan and N.Revathi, "A Review on Big Data Applications in Industries", International Journal of Modern Computer Science(IJMCS), ISSN (Online) : 2320-7868, Vol. 5, Issue 3, pp. 67-72, June 2017.

12.    P. Sengottuvelan and M.Sangeetha, "Contemporary Approach for Technical Reckoning Code Smells Detection using Textual Analysis", International Journal on Recent and Innovation Trends in Computing and Communication(IJRITCC), ISSN (Print) : 2394-3777, Vol. 5, Issue 5, pp. 907-911, May 2017.

13.    P. Sengottuvelan and P. Sathya, "Adaptive Spherical Forwarding Wedge using De-centralized Geographic Routing in WSN", International Education & Research Journal(IERJ), E-ISSN (Print) : 2454-9916, Vol 3. Issue 5, pp. 433-435, May 2017.

14.    P. Sengottuvelan and I.Anette Regina, "A Modified Word Alignment Model for Extracting Opinion Targets and Opinion Words from Online Reviews", International Journal of Advanced Research Trends in Engineering and Technology(IJARTET), ISSN (Print) : 2394-3777, Vol. 4, Special Issue 4, pp. 89-95, March 2017.

15.    P. Sengottuvelan and T.Ramani, "A Proportional Recitation Evolution of AODV in Mobile Adhoc Network", International Journal of Recent Innovation in Engineering & Research(IJRIER), ISSN:2456-2084, Vol.:02, Issue: 01, pp. 20-24, January 2017.

16.    P. Sengottuvelan and A. Vijay Karthik, "A Survey on Web and Rule Based Traffic Sentiment Analysis", International Journal of Computer Trends and Technology(IJCTT), ISSN No.: 2231-2803, Vol.:43, Issue:1, pp No. 13-19, January 2017.

**JOURNALS 2016**

1.    P. Sengottuvelan and R. Lokeshkumar et al., "A Novel Approach for Ranking Web Pages Based on User Preference Suggestion for Web Personalization Using Colloaborative Filtering Techniques", International Journal of Printing,, Packaging & Allied Sciences(IJPPAS), ISSN:2320-4387, Vol.:4, Issue No:3, pp. 2216-2225, December 2016.

2.    P. Sengottuvelan and N.Vidhya, "Avert Compromised Node in Wireless Sensor Network with Honeypot System", Indian Journal of Science and Technology(INDJST), ISSN(Print) : 0974-6846, DOI: 10.17485/ijst/2016/v9i41/98419, Vol.: 9, Issue:41, November 2016.

3.    P. Sengottuvelan and S. Joseph Gabriel, "Survey Mining High Utility Patterns in One Phase without Generating Candidates", International Journal of Computer Trends and Technology(IJCTT), ISSN No.: 2231-2803, Vol.:41, Issue:2, pp. 67-76, November 2016.

4.     P. Sengottuvelan and N.Revathi, "A Transpire Trends Survey on Knowledge Innovation of Data Mining and Web Mining", International Journal of Innovations in Engineering and Technology(IJIET), ISSN: 2319-1058, Vol.:11, Issue:1, pp. 2082-2089, September 2016.

5.     P. Sengottuvelan and M.Kalimuthu, "Efficient Decision Tree Construction in Unrealized Dataset using c4.5 Algorithm", International Journal of Advanced Engineering and Recent Technology(IJAEART), ISSN: 2455-3522, Vol.:7, Issue:3, pp. 9-14, September 2016.

6.     P. Sengottuvelan and T.Gopalakrishnant al., "Dimensionality Reduction for Hybrid Medical Information Opinion Mining", Intelligent Automation System & Soft Computing(IASC)(Taylor & Francis), ISSN: 1099-8587, Vol. :22, Issue:1, pp:331-336, September 2016.

7.     P. Sengottuvelan and P. Arulprakash et al.,., "Hybrid Fuzzy Logic based Proactive Energy Optimizing", Asian Journal Of Research in Social Sciences and Humanities(AIJSH), ISSN: 2249-7315, Vol. :6, Issue:9, pp. 2082-2089, September 2016.

8.     P. Sengottuvelan and N.Prasath et al., "AFSA DSR -Artificial Fish Swarm Algorithm Dynamic Source Routing Protocol of MANET", The IIOAB Journal(Emerging Technologies in Networking and Security(ETNS)), ISSN No.: 0976-3104, Vol.:7, Issue:9, pp. 394-403, August 2016.

9.     P. Sengottuvelan and V. Eswaramoorthy et al., "Fuzzy Logic based Improved Lion Optimization Algorithm Centered Routing Protocol for Mobile Adhoc Network", Asian Journal Of Research in Social Sciences and Humanities(AIJSH), ISSN 2249-7315, Vol.:6, Issue:7, pp. 934-949, July 2016.

10.    V. Jeyakrishnan, P. Sengottuvelan, "A Hybrid Strategy for Resource Allocation and Load Balancing in Virtualized Data Centers Using BSO Algorithm", Wireless Personal Communication(SPRINGER), DOI: 10.1007/s11277-016-3481-8, pp. 01-13, Julyl 2016.

11.    P. Sengottuvelan and R. Lokeshkumar et al., "Estimating Impact of Product Reviews using Integrating Text Mining and Predictive Modeling", International Journal of Advanced Engineering and Recent Technology(IJAEART), ISSN:2455-3522, Vol.:9, Issue:1, pp. 01-05, July 2016.

12.    P. Sengottuvelan and P. Arulprakash et al., "Hierarchy based Proactive Energy Control using MANET", Middle-East Journal of Scientific Research (MEJSER), ISSN No.: 1990-9213, Vol.:24, Issue:11, pp. 3515-3519, June 2016.

13.    P. Sengottuvelan and T.Gopalakrishnan et al., "Two Level Clustering of Web Log Files to Enhance the Quality of User Data", International Journal of Advanced Engineering and Technology(IJAET), ISSN: 0976-3945, Vol.:VII, Issue:II, pp. 1138-1144, June 2016.

14.    P. Sengottuvelan and N.Prasath et al., "Breeding Artificial Fish Swarm Algorithm for Optimal Cluster Head Selection in Wireless Sensor Networks", Wireless Personal Communication(SPRINGER), ISSN No.: 0929-6212, Vol.:7, Issue:4, pp. 394-403, April 2016.

15.    P. Sengottuvelan and D.Vanathi et al., "Spectral Clustering and Gray Coding for Anonymization of High Dimensional Data", International Journal of Advanced Engineering and Technology(IJAET), ISSN: 0976-3945, Vol.:VII, Issue:I, pp. 632-637, March 2016.

16.    P. Sengottuvelan and T.Gopalakrishnant al., "A Hybrid PSO with Naive Bayes Classifier for Disengagement Detection in Online Learning", Emerald Insight (SCOPUS), ISSN: 0033- 0337, Vol. :50, Issue:2, pp:215-224, February 2016.

## JOURNALS 2015

1.    P. Sengottuvelan and P.P. Joby, "On the Construction of Virtual Topology Structure for Secure Routing in Wireless Sensor Networks", Sensor Letters(ASPBS), American Scientific Publishers, ISSN: 1546-198X, Vol.:13, Issue:11, pp. 946-952, November 2015.

2.    P. Sengottuvelan and T.Ramani et al., "Working Principles of Mobile Adhoc Network", International Journal of Engineering Sciences & Research Technology(IJESRT), ISSN:2277-9655, Vol.:4, Issue: 9, pp. 338-343, October 2015.

3.    P. Sengottuvelan and N.Vidhya, "A Survey on Secure Data Aggregation Techniques in Wireless Sensor Networks", International Journal of Innovative Research in Computer and Communication Engineering(IJIRCCE), ISSN: 2320-9798, Vol.:3, Issue:10, pp. 9171-9181, October 2015.

4.    P. Sengottuvelan and T.Gopalakrishnan et al., "A Pattern Recognition Technique for Learning Style Prediction System", International Journal of Applied Engineering Research,ISSN: 0973-4562,Volume 10, Number 9, pp. 6681-6687, 2015

**LIST OF PUBLICATIONS IN THE CONFERNCE / SEMINAR / WORKSHOP PROCEEDINGS:**

**INTERNATIONAL CONFERNCES 2017**

1.      P. Sengottuvelan and M. Sangeetha, "Systematic Exhortation of Code Smell Detection Using JSmell for Java Source code", (ICISC-2017) (IEEE Conference), Organized by the Department of Mechanical Engineering, JCT College of Engineering, Pichanur, Coimbatore, on 19th and 20th January 2017.

2.      P. Sengottuvelan and M. Sangeetha, "A Perspective Approach for Refactoring Framework Using Monitor Based Approach", (I-SMAC 2017) (IEEE Sponsor conference), Organized by SCAD Institute of Technology, Palladam, Coimbatore held on 10th and 11th February 2017.

3.      P. Sengottuvelan and N. Revathi, "Similarity based User Performance Service Recommendation Method on Map Reduce using Threshold Method", (IEEE Conference) International Conference on Science, Technology, Engineering and Management(ICSTEM'17), Organized by Kalaignarkarunanidhi Institute of Technology, Coimbatore held on 3rd and 4th March 2017.

4.      P. Sengottuvelan and N. Revathi, "A Survey on Scope of Big Data Applications in Industries", (IEEE Conference) International Conference on Science, Technology, Engineering and Management(ICONSTEM-2017), Organized by Jeppiaar Engineering College, Chennai on 23rd & 24th March 2017.

**INTERNATIONAL SEMINAR 2018**

1.      P.Sathya & P.Sengottuvelan, "A Survey on Forwarding Probabilistic Mechanism in WSN", Big DATA ANALYTICS – RESEARCH AND ISSUES organised by PG & Research Department of Computer Science & Computer Applications , Morappur Kongu College of Arts & Science, Morappur-5, India, held on 15th November 2017.

**NATIONAL CONFERNCES 2016**

1.      P. Sengottuvelan, "Concurrent Engineering: A Systemtic Review on Multi Agent System using Task Scheduling", (NCASE,16), Organised by Sasurie Research and Development Cell, Vijayamangalam on 4th April 2016.

**CITATIONS:**

**2017**

1. D. Napolean, S. Dhanya Shree, "Effected Crime Exploration Implements and Developments with Remote Sensing: Survey", International Journal of Scientific Research in Computer Science, Engineering and Information Technology(IJSRCSEIT), ISSN :2456-3307, Vol.:2, Issue:3, pp. 115-119, May-June 2017[Ref.No.: 6].

http://ijsrcseit.com/paper/CSEIT1722349.pdf

**2016**

1. P.N.Prajitha, T. Poongodi, "Wireless Sensor Network Securityby Intrusion Detection in Energy Efficient way", International Journal of Science, Engineering & Technology(IJSETR), ISSN : 2278-7798, Vol.:5, Issue:4, pp. 899-904, April 2016. [Ref.No.: 3]. http://ijsetr.org/wp-content/uploads/2016/04/IJSETR-VOL-5-ISSUE-4-899-904.pdf

2. Chenduo Hang, Koki Yoshida, "Evaluation of Image Completion Algorithms: Exemplar-Based Inpainting vs. Deep Convolutional", Corpus ID:189759202. [Ref.No.:15]. http://cs231n.stanford.edu/reports/2017/pdfs/306.pdf

3. Sushma Kharakar, Ankita Gandhi, "Modified K-Mediod Algorithm of Clustering for Web Usage Mining", International Journal of Science, Engineering & Technology(IJARIEE), ISSN :2395-4396, Vol.:2, Issue:3, pp.2855-2861, September 2016[Ref.No.:17]. http://ijariie.com/AdminUploadPdf/MODIFIED_K_MEDIOD_ALGORITHM_OF_CLUSTERING_F O R_WEB_USAGE_MINING_ijariie2303.pdf

## LIST OF INTERNATIONAL SEMINARS / WORKSHOPS ATTENDED INTERNATIONAL SEMINAR

**2018**

1. Attended one day International Seminar on "Research Intelligence and Database(RID-2018)", organised by Department of Library and Information Science, Periyar University, Salem-11, India, held on December 14, 2018.

**2016**

1.      Attended one day International Seminar on "MEASUREMENT OF QUALITY PUBLICATIONS: Issues, Challenges and Opportunities(MQPIC-2016)", organised by Department of Library and Information Science, Periyar University, Salem-11, India, held on November 23, 2016.

**INTERNATIONAL WORKSHOP**

**2016**

1.      Attended one day International Workshop on "SCHOLARLY RESEARCH PUBLICATIONS: WRITING, CITATIONS AND PLAGIARISM(RPCP-2016)", organised by Department of Library and Information Science, Periyar University, Salem-11, India, held on 01 February 2016.

**LIST OF TRAINING PROGRAMME ATTENDED**

**2016**

1.      Attended One day National Level Training Programme on "URKUND: PLAGIARISM DETECTION SOFTWARE FOR RESEARCH SUPERVISORS OF UNIVERSITY AND THE AFFILIATED COLLEGES OF PERIYAR UNIVERSITY", organised by Department University Library and INFLIBNET Centre, Ahmedabad, India at Periyar University, Salem-11, India, on 9th August 2016.

**LIST OF NATIONAL LEVEL QIPs/WORKSHOPS ATTENDED 2018**

1.      Attended One day Workshop on "Disaster Mitigation and Management & First Aid", Department of Geology and Biotechnology, Periyar University PG Extension Centre, Dharmapuri held on 27th September 2018.

2.      Participated One Day Workshop on "Hadoop Tools crushing Big Data" Department of Computer Science, M.Kumarasamy College of Engineering, Karur held on 19th February, 2018.

**2017**

1.      Attended AICTE Sponsored a National Level Two Week Faculty Development Programme on "Data Science and Big Data Analytics" organised by Department of Computer Science and Engineering, Bannari Amman Institute of Technology, Sathyamanagalam-1, India during 6th November 2017 to 19th November 2017.

2.      Attended ICMR Sponsored a Two Day workshop on "Deep Learning in Health care Informatics and Models" organised by Department of Computer Science and Engineering, Bannari Amman Institute of Technology, Sathyamanagalam-1, India during 9th March 2017 to 15th March 2017.

3.      Attended TEQIP-II Sponsored one week workshop on "Real Time Data Analytics " organised by Department of Computer Science and Engineering, Thiagarajar College of Engineering, Madurai, India during 9th March 2017 to 15th March 2017.

4.      Attended one day National Workshop on "Exploring Research on Selecting the Quantitative Tools", organised by Department of Management Studies, Periyar University PG Extension Centre, Dharmapuri-5 held on 6th January 2017.

**2016**

1.      Attended one day National Workshop on "Docker Paradigm - Cloud Computing for Digital Era(DPCD-2016)", organised by Department of Information Technology, Bannari Amman Institute of Technology, Sathyamanagalam-1 held on 1st October 2016.

 2.      Attended one day National Workshop on "Dynamic Webpage Creation using WORDPRESS(RPCP- 2016)", organised by Department of Computer Science and Engineering, PPG Institute of Technology, Coimbatore-35 held on 06th February 2016.

**2015**

1.      Attended one day National Workshop on "Cloud, Big Data Analytics and Docker Technologies for the Digital Era(CBAD-2015)", organised by Department of Information Technology, Bannari Amman Institute of Technology, Sathyamanagalam-1 held on 19th September 2015.