DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sl. No	Publications	No. of International Journal papers	No. of National Conference papers	No. of International Conference papers	Total
1	Publication by UG students along with faculty	13	3	3	19
2	Publication by PG students along with faculty	24		10	34
3	Publications by faculty	5	2	3	10
4	Publication by faculty along with Ph.D. scholars	2		01	03
Total		44	5	17	66

Publications during academic Year 2016-17

i. Publication by UG students along with faculty during academic Year 2016-17:

International Journal:

1. Saurabh Vajramatti, Srinivasa K, **"Smart Travel Assistance Using Sentiment Analysis Method"**, International Journal of Advanced Management Engineering Technology, Volume 2, Issue 2, ISSN: 2456–2998 (Online), Page no: 461-464, February 2017 .

2. Saurabh Vajramatti, Kavitha M , **"Recommendation System for Local Shops using Sentimental Analysis"**, International Journal of Advanced Management Engineering Technology, Volume 2, Issue 2, ISSN: 2456 – 2998 (Online), Page no : 465-470, February 2017.

3. Adithya Anand, Karan Rajiv Redkar, R Sumathi and R M Savithramma, **"Survey paper on Replication Strategies in Cloud Computing"**, International Journal of Advanced Management Engineering Technology, Volume 2, Issue 2, ISSN: 2456 – 2998 (Online), Page no: 461-464, February 2017.

4. Adithya Kumar Rai, Tanya, R Sumathi and R M Savithramma, **"Replication of Data Using Raid 5 in MultiCloud"**, International Journal of Scientific Development and Research, Volume No: 2, Issue No: 4, Impact Factor : 2.87, ISSN : 2455-2631, April 2017.

5. Dinesh Rangayya, Chiranjivi B. P, Swathi Kamath, Ranganath and Nousheen Taj, **"Mobile Assistance for Blind"**, International Jjournal of Science Development and Research, Volume 2, Issue 4, Page No.485-487**,** Impact Factor: 5.47, ISSN: 2455-2631, APRIL 23, 2017.

6. Gururaj S P, Vivek B S, Manjunath T M, Thejas K A, Vikash Kumar, **" Business Friend - A Smart App" ,** International Journal of Scientific Development and Research (IJSDR) IJSDR1704112, Volume 2, Issue 4, ISSN: 2455-2631 Page No: 588- 595, April 2017.

7. Sujit Kumar, Himanshu Ranjan, Aman Deep and Prema S, **"Online Suspect Verification System"**, International Journal of Science & Engineering Development Research, Volume 2, Issue 5, Page No :102-105, May-2017. **Indexing:** Google scholar, ResearchGate, CiteSeer, Mendeley, Scribd tc. Impact Factor : 5.47.

8. Manoj K , VenuGopal S A, JayShankar K V, ChandraPrabha K S, **"2FA (Factor Authentication) for Cloud Storage System",** International Journal of Engineering Research and Technology, Volume No5, Issue No 20, Page No 1-5, Special Issue, May-June 2017.

9.   K Aravind Reddy, Dhruv Prakash and ChandraPrabha K S, **"Customer Business Tracker"**, International Journal of Engineering Research and Technology, Volume No 5, Issue 20, Page No: 104-108, Special Issue   May-June 2017.

10. Abhishek Kumar, Aman Kumar Jha, Aman Sarawagi and Nousheen Taj, **"Cloud Based Personal College Notice Board"**, International Journal of Science Development and Research, Volume 2, Issue 7, Page No: 271-273, JULY 21, 2017, Impact Factor: 5.47, ISSN: 2455-2631.

11. Aditya Anand, Kiran Rajiv Redkar and R Sumathi, **"A Survey paper on Replication Strategies in Cloud Computing"**, International Journal of Scientific Development and Research , Volume 2, Issue 4, ISSN:2455-2631, April 2017.

12. Aditya Kumar, Tanya and R Sumathi , **"Replication of data Using Raid 5 in Multi Cloud"**, International Journal of Scientific Development and Research , Volume 2, Issue 4, ISSN:2455-2631, April 2017.

13. Abdul Waheed soudagar, Syed Ismail Ahamed, Akriti Dip, Shwetha A N, **" IOT Based Bridge Monitoring Systems using android app",** International Journal of Information technology and computer science, Page no 19- 27.

International Conference :

1. V.Sheetal, P Sumangala, B Navya and Dr. R Sumathi, **"Rasperry PI Based Remote Patient Monitoring Using IOT"**, International Conference on Digital India in Global IT Spectrum , Page no : 217-222, Feb 24th-25th , 2017.

2. Mohan N V, Meshram Shubam, Pranav Kumar and B Satish Babu, **"Intelligent Resource Allocation and Deallocation (IRAD)"**, International Conference on Digital India in Global IT Spectrum , Page no : 73-81, Feb 24th-25th , 2017.

3. Abhishek Kumar Jha, N R Sunitha**, "Evaluation and Optmization of Smart Cities using betweeness Centality",** IEEE International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies, Chennai, India,
16-18th, **Feb 2017 (SCOPUS)**

National Conference :

1. G U Kavya, T S Kruthi , M Anvitha and S P Gururaj, **"Cloud Thermometer"**, Impact of Science and Technology on Society and Economy, Page no 135, 8th-10th March 2017.

2. Sharath Gajanan Hegde, Shreyas H N, Prajwal G S, V P Keerthan, Kallinath H D, **"The Internal Algorithms of the Recommendation System"**, National Conference on Information Science, Page No: 27-30, Manipal**,** March 24th , 2017.

3. Sharath Gajanan Hegde,Shreyas H N, Prajwal G ,V P Keerthan and Kallinatha H D, **"Development of Recipe Recommender System for an Android Application"**, National Conference on Information, Communication, Controls and Computing 2017(NCIC3). Volume 6, Issue 2, ISSN (Print): 2278- 8948, , Sir MVIT, Bangalore, 17 May 2017.
 Paper Presented (Published in International journal of Advanced Electrical and Electronics

(IjaEEE),)

ii. Publication by PG students along with faculty during academic year 2016-17:

International Journals:

1. Nagendra Prasad B D , H K Vedamurthy, **"Optimization of Elevator Services using Machine Learning"**, International Journal of Adavanced Engineering and Research Development, Volume 3, Issue: 9, Page No : 111-120, Impact Factor: 4.14, Sept 2016.

2. Rashmi T V, Dr. Keshava Prasanna, Mr.Girish L, **"Load Balancing as a Service in Open Stack – Liberty"**, International Journal of Scientific and Technology Research, Volume 5, Issue 10, Page No: 70-73, OCTOBER 10, 2016.

3. Shreenath K N, Srinivas K G, **"NoEnergy Efficient Hybrid Dual MAC Protocol for Wireless Sensor Network"**, International Journal of Sensors, Wireless Communications and Control,
Volume No 6, Page No : 1-10, 2016.

4. Deepika B , M B Nirmala , **"A Survey On Cloud Based Business Intelligence and Analytics"**, International Journal on Recent and Innovation Trends in Computing and Communication (ijritcc)' ISSN: 2321-8169, Page No: 95-99, Volume 5, Issue 4, **APRIL-2017** (Hyperlink:{http://www.ijritcc.org/download/browse/Volume_5_Issues/April_17_Volume_5_Issue_4/1492580725_19-04-2017.pdf} })

5. Chaitra T K , **"Ferry Route Design With Mac Protocol In Delay Tolerant Network"**, International Journal On Recent And Innovation Trends In Computing And Communication (Ijritcc), Issn: 2321-8169, Volume 5, Issue 5, Page No: 217-222, APRIL2017.
www.ijritcc.org/download/browse/Volume_5_Issues/April_17_Volume_5_Issue_4/1492580725_23-04-2017.pdf

6. Manasa V M , Dr Shreenath K N , **"Black Hole Attack Detection in Zone Based Wireless Sensor Networks"**, International Journal of Recent and Innovation Trends in Computing and Communication, Volume 05, Issue 04, Page No: 148-151, April 2017. Paper ID- IJRITCC_APRIL_2017_47, , https://www.irjet.net/archives/V3/i5/IRJET-V3I5196.pdf

7. Manushree HK, Nirmala M B, **"A Survey on Recommendation System in E-Commerce"**, International Journal of Recent and Innovation Trends in Computing and Communication(IJRITCC), ISSN 2321-8169 **,**Volume 5, Issue 4, April 17**, (** http://www.ijritcc.org/browse/volume-5-issues/april-17-volume-5-issue-4/100).

8. Navya , Bhaskar G, **"Reliable method for Authorized Deduplication by Using Hybrid Cloud Environment"**, International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN: 2321-8169, Volume No: 5, Issue No: 5 Page No: 1015 – 1019, May 2017, **http://www.ijritcc.org/download/browse/Volume_5_Issues/May_17_Volume_5_Issue_5/1496476036_03-06-2017.pdf**.

9. Priyanka M , Prasanna Kumar K R , **"Real Time and Continuous Detection of Phishing Websites"**, International Journal on Recent and Innovation Trends in Computing and Communication (ijritcc) ISSN: 2321-8169, Volume 5, Issue 5, Page No: 923-928, MAY-2017 {http://www.ijritcc.org/download/browse/Volume_5_Issues/May_17_Volume_5_Issue_5/1496393090_02-06-2017.pdf }})

10. Sindhu G, Guruprasad E, **"Using Custom Mininet Topology Configuring L2-Switch in Opendaylight"**, International Journal On Recent and Innovation Trends in Computing and Communication (ijritcc), ISSN: 2321-8169, Volume 5, Issue 5, Page No: 45-48, MAY-2017 (Hyperlink:{ http://www.ijritcc.org/download/browse/Volume_5_Issues/May_17_Volume_5_Issue_5/1494656188_13-05-2017.pdf} })

11. Harshith R.N , **"Solution Development to Prevent Crime Rate",** International Journal On Recent and Innovation Trends in Computing and Communication (ijritcc),ISSN:2321-8169, Volume 5, Issue 5, Page No: 597-601,   May-2017   (Hyperlink:{ http://www.ijritcc.org/download/browse/Volume_5_Issues/May_17_Volume_5_Issue_5/1496128121_30-05-2017.pdf })

12. Nithin C , A V Krishna Mohan , **"Privacy-Preserving in FiDoop, Mining of Frequent Itemsets from Outsourced Transaction Databases"**, International Journal of Innovative Research in Computer Science & Technology (IJIRCST), ISSN: 2347-5552, Volume 5, Issue 3,   May 2017. http://www.ijircst.org/DOC/2_IRP567104810a4-1f9b-476a-840c-bd31c99ecf41.pdf

13. Pooja C S , K R PrasannaKumar, **"Survey on Load Balancing and Auto Scaling Techniques for Cloud Environment"**, International Journal of Engineering and Advanced Technology (IJEAT 2017), ISSN(PRINT): 2249-8958,(ONLINE): Volume   6, Issue 5, Page No.: 28-30, June 2017, **http://troindia.in/journal/IJACCCS/vol2iss3/14-16.pdf**

14. Sheela S , Ravi V , **"Efficient XML Interchange as Encoding Scheme in DDS"**, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249-8958 (Online), Volume 6, Issue 5, Page No.: 62-65, June 2017 (Hyperlink: http://www.ijeat.org/v6i5.php)

15. Megharaj G , A V Krishna Mohan, **"Content Migration- FileNet P8 to Image Services"** ,International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395 0056 p-ISSN: 2395 0072: Volume 4 Issue 6 , Page no: 308-314, June -2017. { https://www.irjet.net/archives/V4/i6/IRJET-V4I655.pdf }

16. Fathima Mussarath , K G Manjunath, **"Secure Distrusted Model for Large Data in Cloud Storage Based on No-SQL Database"**, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume 6 Issue 5, Page No.: 140-144, June 2017(Hyperlink: { http://www.ijeat.org/v6i5.php })

17. Yashaswini K N, Prabodh C P, **" Spray and Wait protocol based on prophet with dynamic buffer management in delay tolerant network"**, The Board of International Journal on Recent and innovation Trends in Computing and Communication. ISSN: 2321-8169, Volume 5, Issue 6, June 2017. http://www.ijritcc.org/browse/volume-5-issues/june-17-volume-5-issue-6/109.

18. Prathibha V , Bhaskar G, **"An Algorithmic approach for Localization using Single Mobile Anchor Node using Information Baton Handover Policy"**, International Journal On Recent and Innovation Trends in Computing and Communication(ijritcc), ISSN 2321-8169,Volume 5, Issue 6, Page No: 766-768 JUNE2017.(Hyperlink:{http://www.ijritcc.org/download/browse/Volume_5_Issues/June_17_Volume_5_Issue_6/1498197918_23-06-2017.pdf})

19. Ranjitha N, Gururaj S P, **"A Systematic Packet Forwarding Approach for Overlapped Hetero Cooperative Sensor Networ**k**"**, International Journal On Recent and Innovation Trends in Computing and Communication (ijritcc), ISSN: 2321-8169, Volume 5, Issue 5, Page No: 815-822, **JUNE-2017**. (Hyperlink:**http://www.ijritcc.org/download/browse/Volume_5_Issues/June_17_Volume_5_Issue_6/1 498417104_25-06-2017.pdf**})

20. Bhavyashree M, N R Sunitha, **"IoT based Intelligent Medical Emergency System (I-MES)"**, International Journal of Innovations & Advancement in Computer Science, IJIACS, ISSN 2347 – 8616, Volume 6, Issue 7, **July 2017**, **http://conferenceinfo.org/kcfinder/upload/files/list_IIC_2july.pdf**

21. Channamallikarjuna H B, Sunitha N R, Secure and Access Control System in Museums using RFID and Biometric Technologies", International Journal of Innovations and Advancement in Computer Science, IJIACS, ISSN 2347 – 8616, Volume 6, Issue 7, **July 2017**.

22. Trupthi V, Ashwini B P, **"IOT-based Modern Healthcare System using Raspberry Pi"**, International Journal of Scientific Development and Research) ISSN: 2455-2631, **July 2017**, Paper ID: IJSDR1706073, http://www.ijsdr.org/viewpaperforall.php?paper=IJSDR1706072

23. Nagesh S, A H Shanthakumara , **"An Efficient and Secure Anti-Collusion Data Sharing Scheme for Dynamic Groups in the Cloud"**, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) Volume 4, Issue **7**, **July 2017. Doi: 01.1617/vol4/iss7/pid63147.**

24. Shilpa H B, Nirmal M B, " **Mobile Target Tracking Using Prediction Scheme In Wireless Sensor Networks",** Internatinal Journal Of Researching In Engineering And Technology vol 5, Issue 9, Sep 2016.

International Conferences:

1. Siddaram K Jamagav, R Sumathi, "**Efficient and Secured Search on Encrypted Cloud Data for Mobile Device",** International Conference On Computation System and Information Technology for Sustainable Solutions (CSITSS), 6-8 Oct. 2016 Bangalore, India. **(SCOPUS)**

2. Pooja R Birge1, G. Bhaskar, **"Monitoring and Live Migration Virtual Machines for Efficient Resource Utilization",** 17th International Conference on Computer Science and Information Technology **(ICCIT 2016)**

3. Shivaprasad P S, H D Kallinatha, Prakash Loganathan , **"A Survey on Text Search Engine"**, ACN-Proceedings of 36th IRF, International Conference on Science, Technology, Engineering and Management (ICSTEM) on Volume 1, Issue 1, 978-93-86291-63-9, Page No : 20-23, May 28th ,2017, Bangalore. **Paper Presented :**   HOTEL TRINITY ISLE ,# 139, Subedar Chatram Road, Swastik Circle, Sheshadripuram, Bangalore 560 020

4. Ramanna HanumanthRao, Thejaswini S, **"Real Time Click Stream Data Analytics and Visualization"** , 2nd IEEE International Conference on Recent Trends In Electronics Information Communication Technology, ISBN 978-1-5090-3704-9/17, May 19-20**,** 2017.

5. Sridevi H N , Vedamurthy H K, "**Tuple-MHT Based Verifications for Outsourced Data to Ensure Correctness and Completeness of Search Results with Dynamic Updates"**, 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology(RTEICT 2017) , ISBN : 978-1-5090-3774-9/17, May 19-20, 2017. (SCOPUS)

6. Chennabassamma, Dr. R. Sumathi , **"Analysis and verification of Key Performance Parameters of Cellular Network on CEMoD Portal"**, 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2017),   May 19-20, 2017, ISBN : 978-1-5090-3704-9. **(SCOPUS)** .

7. Bindu K Gowda, Dr.R Sumathi, **" Hierarchy Attribute – Based Encription with Timing Enabled Privacy Preserving Keyword Search Mechanism for E-Health Clouds",** IEEE – International Conference on recent trends in Electronics, Information Communication Technology, India, May 19th-201th

,2017. **(SCOPUS)**

8. Shivaprasad P S, H D Kallinatha, **" A Free formal Search Using Lucene"**,   IEEE- International

   Conference on Energy, Communication , Data Analytics and Soft Computing (ICECDS), Volume

   1 , Issue 4 , Page No: 186-189, ISBN: 978-1-5386-1886-1, 2nd August 2017, Poonampalle,

   Tamil Nadu. (Paper Presented at SKR ENGG COLLEGE, POONAMPALLE,TAMIL NADU).

9. Bhavyashree M, N R Sunitha, **"IoT based Intelligent Medical Emergency System (I-MES)"**, 2nd IETE
    International Conference on Advancement in Engineering , Applied Science and Management, New
    Delhi, 2nd July 2017.

10. Channamallikarjuna H B, Sunitha N R, Secure and Access Control System in Museums using RFID and
    Biometric Technologies", 7th IETE International Conference on Engineering Technology , Science and
    Management Innovation 16th July 2017..

iii. Publications by faculty during academic year 2016-17:

International Journals:

1. Aniruddha Prabhu B P, **"Parallel Algorithm for finding Top K High Utility Itemset from Big
    Transaction Data"**, International Journal of Engineering Applied Sciences and Technology, Volume No:
    2, Issue No 1, Page No: 2455-2143, Imapct Factor: 2.924, November 2016.(Free Journal).

2. Srinivasa K, Kavitha M, **"Generation of Natural Language Queries from ER-Diagram"**, International
    Journal of Scientific Research in Computer Science, Engineering and Information Technology
    (IJSRCSEIT), Volume 2, Issue 3, May 2017.

3. C. Bhanuprakash, Y.S. Nijagunarya and M.A. Jayaram, **"Clustering of Faculty by Evaluating their
    Appraisal Performance by using Feed Forward Neural Network Approach"**, International Journal of
    Intelligent Systems and Applications, Volume 3, Page No:34-40, **2017**.

4. Raghavendra M, pallapa Venkataraman, " **ECA Model Based Qos AODV Routing For Manets"**,
    International Journal Of Computer Networks And Communication , Vol 9, Issue 3 , May 2017.

5. Anil Kumar G, A S Poornima, **"A Survey on Data Integrity methods in Cloud Storage"**, European
    Journal of Engineering and Science, Volume 1, Issue 5, Nov 2016.(Ph.D: Impact Factor: 0.84)

International Conferences:

1. A. H. Shanthakumara , Sunitha N. R, **"A novel archival system with dynamically balanced security, reliability and availability"**, 2016 International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS), Page No:. 27-33. Bangalore, 2016, doi:10.1109/CSITSS.2016.7779435.(**SCOPUS**)

2. ChandraPrabha K S, **"Importance of Information Technology in Indian Agriculture- A Review"**, International Conference on Advances in Computer Science and Information Technology (ACSIT), Volume 4, Issue 3, Page No: 179-182, p-ISSN : 2393-9907,e ISSN: 2393-9915, April -June 2017.

3. Ragavendra M, "**Line Point Approximation based proactive Routing in Wireless Sensor** Networks**"**, 2nd International Conference on Engineering Technology Science and Management Innovation (ICETSMI), National Institute of technical teachers training and research (NITTT R), MHRD, Govt of India, Chandigarh, Jan 15th 2017

National Conferences:

1. Shruthi k, **"A Low Cost Prosthetic Hand Using Flex Sensors And Servo Motors"**, National Conference on Electronics, Signals & Communication, National Conference on Electronics, Signals & Communication (**NCESC-2017)** at GSSS Institute of Engineering and Technology for Women, **29th May 2017 , Mysuru. Paper Presented.**

2. Sharankumar Shastri and Santosh Patil, **"Smart Agricultural Methods Using IOT"**, Impact of Science and Technology on Society and Economy, Page No: 123, **8th-10th March 2017**.

iv. Publication by faculty along with Ph.D. scholars during academic year 2016-17:

International Journal(s) (Scopus Indexed):

1. Pramod T.C and N.R.Sunitha, **"Key pre-distribution to support various architectural deployment models in WSN"**, International Journal on Information and Computer Security, Volume No 8, Issue 2, Page No:139–157, 2016 (*Inderscience Publishers*) (**Scopus Index**) (**Free Journal**).

2. Pramod T.C and N.R.Sunitha, **" Key management infrastructure design and novel techniques to establish secure communications in critical infrastructures"**, **International Journal of Critical Computer-Based Systems (IJCCBS),** Volume 7, Issue 2, Page No:171–189, Jan 2017 (*Inderscience Publishers*)

International Conferences (Scopus Indexed):

IEEE Conferences:

1. Mahesh Kumar K M, Sunitha N R, **"Hybrid Cryptographically Secure Pseudo-Random Bit Generator",** IEEE International Conference on Contemporary Computing and Informatics, Noida (U P),India, Dec 14-17, 2016**.**