DETAILED CURRICULUM VITAE

Personal Information

Name	**Dr MANJAIAH D. H**	**Nationality**	INDIAN
Gender	MALE	**Marital Status**	MARRIED
Date of Birth	20.01.1967	**Religion**	HINDU

Contact Information

Current Address	**PROFESSOR & CHAIRMAN OF BoS** **DEPT. OF PG STUDIES AND RESEARCH IN COMPUTER SCIENCE** MANGALORE UNIVERSITY, MANGALAGANGOTRI, MANGALORE:574 199. INDIA. **CHAIRMAN [i/C/]** **DEPT. OF LIBRARY AND INFORMATION SCIENCE** MANGALORE UNIVERSITY, MANGALAGANGOTRI, MANGALORE:574 199. INDIA. **[FROM 26.11.202 TO TILL DATE]**	**E-mail ID.**	manju@mangaloreuniversity.ac.in drmdhmu@gmail.com
	# B - 15, MANGALORE UNIVERSITY QUARTERS. MANGALORE UNIVERSITY, MANGALAGANGOTRI, MANGALORE: 574 199. INDIA.	**Work Tel No. /** **Mobile No.**	**+918242888646** **(+91) 9449444638**

Educational Qualification

Degree	Bachelor Degree B.E.,	Master Degree M.Tech.,	Doctor of Philosophy Ph.D.,
Institute / University Name	Govt. B.D.T.C.E. Davangere. Mysore University, Karnataka	National Institute of Technology, Surathkal, Karnartaka.	Mangalore University, Mangalore, Karnataka.
Country	INDIA	INDIA	INDIA
Year of Obtaining Degree	July - 1991	July - 1993	November -2007
Branch of Specialization	Computer Science and Engineering	Computer Science and Engineering	Faculty of CSE and Technology
Title of Ph.D. Dissertation	DESIGN AND DEVELOPMENT OF VISUAL SHOP FLOOR CONTROL SYSTEMS		

Experience

From D/M/Y	To D/M/Y	Position /Title	Department Name	Institute / University Name	Nature of work	Type of work
14/02/2009	Till Date	Professor	Dept. of PG Studies and Research in Computer Science	Mangalore University Mangalagangotri, Mangalore: 574 199. INIDA.	Teaching & Research	Permanent & Full Time
14/02/2006	13/02/2009	Associate Professor	Dept. of PG Studies and Research in Computer Science	Mangalore University Mangalagangotri, Mangalore: 574 199. INIDA.	Teaching & Research	Permanent & Full Time
14/02/2003	1302/2006	Reader	Dept. of PG Studies and Research in Computer Science	Mangalore University Mangalagangotri, Mangalore: 574 199. INIDA.	Teaching & Research	Permanent & Full Time
01/01/1998	13/02/2003	Lecturer	Dept. of Computer Science and Engg.	NITK, Surathakal, INDIA.	Teaching	Permanent & Full Time
30/11/1995	31/12/1997	Systems Analyst	Computer Center	NITK, Surathakal, INDIA.	Teaching & Systems Administrator	Permanent & Full Time
09/11/1992	29/11/1995	Programmer	SERC	IISc., Bangalore, INDIA.	Teaching & Systems Administrator	Permanent & Full Time

Courses Taught

Computer Organization, Digital Systems& Logical Design, Computer Fundamentals, C, C++ and JAVA Programming Languages. Internet Technology and Web Programming, Systems Software, Object Oriented Design and Modeling, Data Communication and Computer Networks and Cryptography and Network Security.
Operations Research, Advanced Computer Networks, TCP / IP Programming, Wireless Communication & Wireless Sensor Networks. Mobile Computing, Linux Environment System, Big Data Analytics and Cloud Computing Etc.,

Area of Specialization   : **Advanced Computer Networks, Big Data Analytics,**

   Cloud Computing, Cyber Security and Digital Forensics.

Research Areas   :

- o **Narrative attentiveness of Routing Algorithms for Mobile Ad - Hoc Networks**
- o **Explore challenging intend characteristics of 4G, 5G, WSN and VAN**
- o **Significance of Cyber Security and Digital Forensics at current arena**
- o **Predictive Data Analytics using Machine Learning and Deep Learning**
- o **Effectiveness of Load Balancing and Virtualization in Cloud Computing Environment**

Professional Teaching Experience   : **More than 25 - Years**

   Research Experience   : **More than 15 - Years**

Research Guidance (M.Phil. /Ph.D.)   : **Awarded - Ph.D. -   11; M.Phil - 05.**

   Under Progress: 08 + 02 [Oveseas]

Successfully Completed students' list (with hyperlinks to their CV if available)

Sl. No.	Name of the PhD scholar	Title of the thesis	Year of Registration of the Scholar	Date &Year of award of PhD
01.	**Mr. Shashidhar Kini K**	Data Modeling for Technical Institution Data warehouse using e-CRM	2009 - 10	18.09.2014
02.	**Mr. Jeevan L J Pinto**	Design and Implementation of Energy Efficient Routing Protocol for Wireless Sensor Networks	2009 - 10	12.11.2014
	Mr. Hanumanthappa J	INVESTIGATIONS INTO THE DESIGN,	2009 - 10	04.12.2014

03.		PERFORMANCE AND EVALUATION OF A NOVEL IPv4/IPv6 TRANSITION SCENARIOS		
04.	**Mr. Manjunath M** [RGNFELLOWSHIP - UGC]	DYNAMIC TOPOLOGICAL BASED ROUTING ALGORIHM FOR MOBILE AD - HOC NEWTWORK	2013 - 14	19.08.2016
05.	**Ms. P. Payaswini** [UGC - MAJOR PROJECT] & [INSPIRE FELLOWSHIP - DST]	NEW APPROACHES FOR VERTICAL HANDOFF METHODS IN 4G - NETWORKS	2012 - 13	26.10.2016
06.	**Ms.Sridevi**	New Security Protocol For Mobile - IPv6 Networks	2012- 13	31.12.2016
07.	**Mr.JoshiVinayakBalachandra** [UGC - MAJOR PROJECT]	Design issues for IPv6 Mobility in 4G - Networks	2009 - 10	13.06.2017
08.	**Mr.Santhosh B**	Resource Allocation and Scheduling in Heterogeneous Cloud Environment	2012 - 13	05.06.2017
09.	**Mr.Ezz Eldin Badawy Gad Alrab Hemdan** [OVERSEAS - EGYPT]	DIGITAL FORENSIC TECHNIQUES FOR INVESTIGATION OF CYBERCRIMES IN CLOUD COMPUTING ENVIRONMENT	2015- 16	18.05.2018
10.	**Mr. Abdo Hasan Ali Guroob** [OVERSEAS - YEMON]	EFFICIENT PERFORMANCE TECHNIQUES FOR REPLICATION AND SCHEDULING IN THE DISTRIBUTED DATA GRID ENVIRONMENTS	2016 - 17	06.07.2019

11.	Mr. Brahma Prakash	Enhancement of QoS and Performance Analysis of 4G Mobile Networks	2015- 16	22.06.2020
12.	Mr.Madhvaraj M Shetty [INSPIRE FELLOWSHIP - DST]	Techniques for Managing Big Data Privacy and Security	2015- 16	Thesis Submitted

Ongoing Registered Students' list :

01.	Mr. Mani Bhushan D'Souza [DST - SERB]	Design and Implementation of Novel Routing Algorithms for Wireless Mobile Ad - Hoc Networks	2016 - 17	Ongoing
02.	Mr. Mohammed Ahmed Mohammed Fadhel Al-junid [OVERSEAS - YEMON]	An Efficient Recommendation Systems for Social Media Using Big Data Analytics	2016 - 17	Ongoing
03.	Mrs. Suparna N	Performance Analysis of Secure Smart Home System Based IoT	2016 - 17	Ongoing
04.	Mr. Tejasvi Kattimani T R	Energy-Efficient And Spectrum-Efficient Network Framework for 5G Systems	2016 - 17	Ongoing
05.	Mrs. Ankitha K	IoT - IoHT: Predictive Detection of Clinical Mastitis in cows using internet of Animal Health Things	2016 - 17	Ongoing
06.	Mr. Daniel Mesafint Belete [OVERSEAS - ETHOPIA]	Exploring Predictive Models For Analysis of The Epidemic Status Of HIV/AIDS	2017 - 18	Ongoing

07.	**Mrs. Shubha R Shetty**	Detection and Analysis of Jamming Attack in Vehicular Ad hoc Network (Vanet)	2017 - 18	Ongoing
08.	**Mr. John William Kasubi** **[OVERSEAS - TANJANIA]**	Course Work	2018 - 19	Ongoing
09.	**Mrs. Akshatha Shetty**	Course Work	2018 - 19	Ongoing

Research Projects (List) (if applicable) : Completed

- Effectively Completed the UGC MRP Project with an entitled "Design Tool of IPv6 Mobility for 4G - Networks ", Wirth of **Rs.10,72,800/-** [Ref.No. UGC MRP F.No.36 - 167 / 2008 (SR) Dated. 26.03.2009] from **March, 2009 to Oct.2012**.

  ❖ **Based on the above project routine two scholars completed their PhD.**

- Completed successfully Industry collaborative project on, **"Replication of Data in Cloud Computing & Novel Privacy and Security approaches for Big Data Analytics".**

  ❖ **Utilization of the above project performance two scholars awarded PhD.**

- Concluded efficiently the **Science & Engineering Research Board [SERB], DST, New Delhi** Project with an entitled, "**Novel Routing Algorithm for Mobile Ad - Hoc Network**", **[Ref. No.SB/EMEQ - 151/2014 Dated.21.03.2016].**

  ❖ **Performance of the above concern project one of the scholar is likely to be awarded PhD.**

Research Journal Publications (list):

<table>
<tr><td colspan="2" align="center">PUBLICATIONS AS ON TODAY [30th November, 2020]
Last FIVE Year Publications</td></tr>
<tr><td>With Complete Details : [IEEE : 09; IJP: 13; BOOK CHAPTER : 15; ; ICP: 03]</td><td>TOTAL : 40</td></tr>
<tr><td>Mohammed Fadhel Aljunid , Manjaiah Doddaghatta Huchaiah, <i>Multi-model deep learning approach for collaborative filtering recommendation system.</i>IET The Institute of Engineering and Technology Journals, CAAI Transactions on Intelligent Technology [IJSRNSC].

https://digital-library.theiet.org/docserver/fulltext/10.1049/trit.2020.0031/TRIT.2020.0031.pdf?expires=1605075649&id=id&accname=guest&checksum=027A5A34869E17943F7950965C4F8C57</td><td>ISSN: 2468-2322, pp. 1 - 8, July, -2020.</td></tr>
</table>

Mani Bushan Dsouza, **DH Manjaiah**, *Energy Aware Simple Ant Routing Algorithm for MANET.*IEEE Publication. https://ieeexplore.ieee.org/abstract/document/9137947/	IEEE - 2020, 5th International Conference on Communication and Electronics Systems, pp. 381 - 385, June - 2020.
Dule, Chhaya S and K.M., Rajasekharaiah and **DH Manjaiah**, *Challenges of Artificial Intelligence to Combat COVID-19*Proceedings of the International Conference on Innovative Computing & Communications (ICICC) 2020. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3608764	SSRN, pp. 1- 8, May - 2020. .
Mani Bushan Dsouza, **DH Manjaiah**, *Congestion Aware Reverse AODV Routing Protocol for MANET.*Int. J. Sci. Res. in Network Security and Communication [IJSRNSC]. https://www.ijsrnsc.org/pub_paper/IJSRNSC/3-IJSRNSC-00503.pdf	E-ISSN:2321-3256, Volume - 8, Issue - 1, pp. 10 - 13, Feb. - 2020.
Ezz El-Din Hemdan, **DH Manjaiah**, *Digital Investigation of Cybercrimes Based on Big Data Analytics Using Deep Learning.*Deep Learning and Neural Networks: Concepts, Methodologies, Tools, and Applications - **Book Chapter**, **IGI Global, USA**. https://www.igi-global.com/chapter/digital-investigation-of-cybercrimes-based-on-big-data-analytics-using-deep-learning/237895	pp. 615 - 632 [18 pages], 2020.
Madhvaraj M Shetty, **DH Manjaiah**, *Advanced Threat Detection Based on Big Data Technologies,*Cyber Warfare and Terrorism: Concepts, Methodologies, Tools, and Applications - **Book Chapter,** **IGI Global, USA.**https://www.igi-global.com/chapter/advanced-threat-detection-based-on-big-data-technologies/251464	pp. 808 - 822 [15 pages], 2020.
Mani Bushan Dsouza, **DH Manjaiah**, *Congestion Free And Bandwidth Aware Multipath Protocol for MANET*. IEEE Publication. https://ieeexplore.ieee.org/abstract/document/8987274	IEEE - 2019, International Conference on Advances in Information Technology (ICAIT), pp. 267 - 270, July - 2019.
Ezz El-Din Hemdan, **DH Manjaiah**, *Digital Forensic Approach for Investigation of Cybercrimes in Private Cloud Environment*,Recent Findings in Intelligent Computing Techniques - **Book Chapter**, **Springer, Singapore.** https://link.springer.com/chapter/10.1007/978-981-10-8639-7_3	pp. 25 - 33 [08 pages], 2019.
Mohammed Fadhel Aljunid, **DH Manjaiah**, *Movie Recommender System Based on Collaborative Filtering Using Apache Spark*, Data Management, Analytics and Innovation - **Book Chapter**, **Springer, Singapore.** https://link.springer.com/chapter/10.1007/978-981-13-1274-8_22	pp. 283 - 295 [12 pages], 2019.
Madhvaraj M Shetty, **DH Manjaiah**, Ezz El-Din Hemdan, *Policy-Based Access Control Scheme for Securing Hadoop Ecosystem,* Data Management, Analytics and Innovation - **Book Chapter**, **Springer, Singapore.** https://link.springer.com/chapter/10.1007/978-981-13-1274-8_13	pp. 167 - 176 [16 pages], 2019.

Mohammed Fadhel Aljunid, **DH Manjaiah**, *An Improved ALS Recommendation Model Based on Apache Spark,* International Conference on Soft Computing Systems**. Springer Link.** https://link.springer.com/chapter/10.1007/978-981-13-1936-5_33	pp. 302 - 311 [10 pages], Sept. - 2018.
Ezz El-Din Hemdan, **DH Manjaiah**, *Cybercrimes investigation and intrusion detection in internet of things based on data science methods,*Cognitive Computing for Big Data Systems Over IoT - **Book Chapter**, **Springer, Cham.** https://link.springer.com/chapter/10.1007/978-3-319-70688-7_2	pp. 39 - 62 [08 pages], 2018.
Ezz El-Din Hemdan, **DH Manjaiah**,*CFIM: Toward Building New Cloud Forensics Investigation Model,*Innovations in Electronics and Communication Engineering - **Book Chapter**, **Springer, Singapore.** https://link.springer.com/chapter/10.1007/978-981-10-3812-9_56	pp. 545 - 554 [15 pages], 2018.
Ezz El-Din Hemdan, **DH Manjaiah**,*Internet of Nano-Things Forensics: Performing Digital Forensics in Nanoscale Systems,*Internet of Things (IoT): Technologies, Applications, Challenges and Solutions - **Book Chapter**, CRC - **Press.** https://books.google.co.in/books?hl=en&lr=&id=LHQ5DwAAQBAJ&oi=fnd&pg=PA119&dq=info:_mL9r_bzGZMJ:scholar.google.com&ots=sARuw8WhTO&sig=MaZF32xuOFM_DBxsbVSpCrPS_E&redir_esc=y#v=onepage&q&f=false	pp. 119 - 139 [20 pages], 2017.
Ezz El-Din Hemdan, **DH Manjaiah**, *Spark-based log data analysis for reconstruction of cybercrime events in cloud environment,*IEEE Publication. https://ieeexplore.ieee.org/abstract/document/8074209	IEEE - 2017, International Conference on Circuit, Power and Computing Technologies (ICCPCT), pp. 1 - 8, April - 2017.
Madhvaraj M Shetty, **DH Manjaiah**, *Privacy preserving scheme for MapReduce,*IEEE Publication. https://ieeexplore.ieee.org/abstract/document/8074278	IEEE - 2017, International Conference on Circuit, Power and Computing Technologies (ICCPCT), pp. 1 - 6, April - 2017.
DH Manjaiah, Abdo H Guroob, *Triple integration optimization techniques in data grid environment using OptorSim simulator,* IEEE Publication. https://ieeexplore.ieee.org/abstract/document/8073499	International Conference on Data Management, Analytics and Innovation (ICDMAI), pp. 138 - 144, Feb. - 2017.

Mohammed Fadhel Aljunid, **DH Manjaiah,***A survey on recommendation systems for social media using big data analytics,* International Journal of Latest Trends in Engineering and Technology, Special Issue (SACAIM 2017). https://www.researchgate.net/profile/Mohammed_Fadhel_Aljunid/publication/335378751_A_SURVEY_ON_RECOMMENDATION_SYSTEMS_FOR_SOCIAL_MEDIA_USING_BIG_DATA_ANALYTICS/links/5d6113ad458515d61020cdb8/A-SURVEY-ON-RECOMMENDATION-SYSTEMS-FOR-SOCIAL-MEDIA-USING-BIG-DATA-ANALYTICS.pdf.	E-ISSN: 2278 – 621X, pp. 048 - 058, 2017.
Ezz El-Din Hemdan, **DH Manjaiah**, *Internet of things in cloud computing,* Internet of Things: Novel Advances and Envisioned Applications**- Book Chapter**, **Springer, Cham.** https://link.springer.com/chapter/10.1007/978-3-319-53472-5_15	pp. 299 - 311 [13 pages], April - 2017.
Madhvaraj M Shetty, **DH Manjaiah**, *Challenges, issues and applications of internet of things,*Internet of Things: Novel Advances and Envisioned Applications**- Book Chapter**, **Springer, Cham.** https://link.springer.com/chapter/10.1007/978-3-319-53472-5_11	pp. 231 - 243 [13 pages], April - 2017.
Ezz El-Din Hemdan, **DH Manjaiah**, *Internet of nano things and industrial internet of things,*Internet of Things: Novel Advances and Envisioned Applications**- Book Chapter**, **Springer, Cham.** https://link.springer.com/chapter/10.1007/978-3-319-53472-5_5	pp. 109 - 123 [15 pages], April - 2017.
Mani Bushan Dsouza, **Manjaiah D. H**, Jeevan Pinto, *A Study of Nature Inspired Algorithms for Routing In MANETs*, International Journal of Emerging Research in Management & Technology, Volume-6, Issue-5, PP:1107-1111, May 2017.	ISSN: 22789359, [IF - 3.969] Volume - 8, Issue - 1 pp. 1107 - 1111, 2017. Citation and downloaded Initiated
Mani Bushan Dsouza, Sheethal M, Bindiya G & Manjaiha D.H., "Comparative Study of AODV And TORA Routing Protocols in MANET", International Journal of Latest Trends in Engineering and Technology, Special Issue SACAIM 2017, pp. 127-131, e-ISSN:2278-621X	E-ISSN: 2278 - 621X, pp. 127 - 131, 2017.
Mani Bushan Dsouza, Ajin Sanu, Manjaiha D.H & Jeevan Pinto, "Securing AODV Protocol In MANET", International Journal of Latest Trends in Engineering and Technology, Special Issue SACAIM 2017, pp. 202-205, e-ISSN:2278-621X.	E-ISSN: 2278 - 621X, pp. 202 - 205, 2017.
Mani Bushan D'Souza, Ashmitha Lopes, Prathibha K V and Manjaiah D. H, "Relative Study Of DSDV and AODV Routing Protocols in MANET", International Journal of Latest Trends in Engineering and Technology, Special Issue SACAIM 2017, pp. 206-211, e-ISSN:2278-621X	E-ISSN: 2278 - 621X, pp. 206 - 211, 2017.
Mani Bushan D'Souza, Muhammad Hashir, Melroy Joyson Lobo AND Manjaiah D. H., "A Comparative Study of AODV And DSR Routing Protocols in MANET", International Journal of Latest Trends in Engineering and Technology, Special Issue SACAIM 2017, pp. 212-217, e-ISSN:2278-621X	E-ISSN: 2278 - 621X, pp. 212 - 217, 2017.

Mani Bushan D'Souza, Enoch Alousious Fernandes, Manjaiha D.H. AND Jeevan Pinto, "Applications of Genetic Algorithms in MANET", International Journal of Latest Trends in Engineering and Technology, Special Issue SACAIM 2017, pp. 218-220, e-ISSN:2278-621X	E-ISSN: 2278 - 621X, pp. 218 - 220, 2017.
Mani Bushan D'Souza, Deena Adline Mascarenhas, Floyd Powell Fernandes AND Manjaiah D. H., "Performance Improvement in MANET Using Clustering", International Journal of Latest Trends in Engineering and Technology, Special Issue SACAIM 2017, pp. 221-224, e-ISSN:2278-621X	E-ISSN: 2278 - 621X, pp. 221 - 224, 2017.
Mani Bushan D'Souza, Manjaiah D. H. and Jeevan Pinto," Route Optimization in MANET using ACO", International Journal of Latest Trends in Engineering and Technology, Special Issue SACAIM 2017, pp. 617-621, e-ISSN:2278-621X	E-ISSN: 2278 - 621X, pp. 617 - 621, 2017.
DH Manjaiah, Abdo H Guroob,*Optimization Techniques for Integrated Job Scheduling and Data Replication in Grid Environments Using OptorSim Simulator,*International Journal of Latest Trends in Engineering and Technology, Special Issue SACAIM 2016 https://www.researchgate.net/profile/Abdo_Guroob3/publication/317232199_OPTIMIZATION_TECHNIQUES_FOR_INTEGRATED_JOB_SCHEDULING_AND_DATA_REPLICATION_IN_GRID_ENVIRONMENTS_USING_OPTORSIM_SIMULATOR/links/592d2f08a6fdcc84da8f2188/OPTIMIZATION-TECHNIQUES-FOR-INTEGRATED-JOB-SCHEDULING-AND-DATA-REPLICATION-IN-GRID-ENVIRONMENTS-USING-OPTORSIM-SIMULATOR.pdf	E-ISSN: 2278 – 621X, pp. 37 - 42, 2016.
Madhvaraj M Shetty**, DH Manjaiah**, *Data security in Hadoop distributed file system,*IEEE Publication. https://ieeexplore.ieee.org/abstract/document/7873697	pp. 1 - 5, 2016 International Conference on Emerging Technological Trends (ICETT), Oct. 2016.
Ezz El-Din Hemdan, **DH Manjaiah**, *A cloud forensic strategy for investigation of cybercrime,*IEEE Publication. https://ieeexplore.ieee.org/abstract/document/7873667	pp. 1 - 5, 2016 International Conference on Emerging Technological Trends (ICETT), Oct. 2016.
B Santhosh, **DH Manjaiah**, L Padma Suresh, *A survey of various scheduling algorithms in cloud environment,*IEEE Publication. https://ieeexplore.ieee.org/abstract/document/7873782	pp. 1 - 5, 2016 International Conference on Emerging Technological Trends (ICETT), Oct. 2016.
Madhvaraj M Shetty**, DH Manjaiah**, *New Security Architecture for Big Data Hadoop,***Springer Publication.** https://link.springer.com/chapter/10.1007/978-981-10-4741-1_41	pp. 469 - 480, International Conference on Emerging Research in Computing, Information, Communication and Applications. July - 2016.

Abdo H Guroob, **DH Manjaiah**, *Efficient replica consistency model (ERCM) for update propagation in data grid environment*, **IEEE Publication.** https://ieeexplore.ieee.org/abstract/document/7518894	pp. 1 - 7,2016 International Conference on Information Communication and Embedded Systems (ICICES). Feb. - 2016.
JV Gorabal, DH Manjaiah, SN Bharath Bhushan, *Novel implementation of multi modal biometric approaches to handle privacy and security issues of RFID tag,* IIOAB J https://www.iioab.org/articles/IIOABJ_7.3_60-65.pdf	pp. 60 - 65, IIOAB J, 0976-3104Volume - 7, Issue - 3, Feb. - 2016.
B Santhosh, **DH Manjaiah**, *Dynamic Deadline Aware Efficient Virtual Machine Scheduling in the Cloud,* Emerging Research in Computing, Information, Communication and Applications - **Book Chapter**, **Springer, Singapore.** https://link.springer.com/chapter/10.1007/978-981-10-0287-8_24	pp. 263 - 270, 2016.
M Manjunath, **DH Manjaiah**, *SS_PAR: Signal Strength Based Petal Ant Routing Algorithm for Mobile Ad Hoc Network,*Emerging Research in Computing, Information, Communication and Applications- **Book Chapter - Springer, New Delhi.** https://link.springer.com/chapter/10.1007/978-81-322-2553-9_20	pp. 207 - 217, 2016.
DH Manjaiah, P Payaswini, *Design Issues of 4G-Network Mobility Management,*Mobile Computing and Wireless Networks: Concepts, Methodologies, Tools, and Applications - **Book Chapter, IGI Global.** https://www.igi-global.com/chapter/design-issues-of-4g-network-mobility-management/138202	pp. 634 - 662, 2016.
Mani Bushan D'Souza, Muhammad Hashir, Melroy Joyson Lobo, **Manjaiah DH**, *A Survey On Ant System Based Multicast Routing In Mobile Ad Hoc Networks*. International Journal of Latest Trends in Engineering and Technology [IJLTET] , Special Issue SACAIM 2016. https://www.ijltet.org/journal/148125710611.pdf	E-ISSN: 2278 - 621X, pp. 59 - 65, 2016.
Mani Bushan D'Souza, Ashmitha Lopes, Deena Adline, **Manjaiah DH**, *Routing Protocols For Mobile Ad Hoc Network Based On Swarm Intelligence*, International Journal of Latest Trends in Engineering and Technology, Special Issue SACAIM 2016 https://www.ijltet.org/journal/148125718613.pdf	E-ISSN: 2278 - 621X, pp. 71 - 77, 2016.
Zaiba Mulla, Devraj Gurav, Mani Bushan D'souza and **Manjaiah DH**,*An Efficient Cluster Based Routing Protocol for MANET*", International Journal of Latest Trends in Engineering and Technology, Special Issue SACAIM 2016 https://www.ijltet.org/journal/148125881457.pdf	E-ISSN: 2278 - 621X, pp. 341 - 344, 2016.
Cheryl Anne Conceicao, Sanice Barreto, Mani Bushan D'Souza and **Manjaiah DH**,*Ant Based Intelligent Routing Protocol for MANET*, International Journal of Latest Trends in Engineering and Technology, Special Issue SACAIM 2016 https://www.ijltet.org/journal/148125889658.pdf	E-ISSN: 2278 - 621X, pp. 345 - 351, 2016.
Prathibha.K.V, Sheethal.M, Bindiya.G and Mani Bushan D'souza, **Manjaiah DH**,*A Study Of Routing Issues And Metrics For Routing In MANET*, International Journal of Latest Trends in Engineering and Technology, Special Issue SACAIM 2016 https://www.ijltet.org/journal/148125934159.pdf	E-ISSN: 2278 - 621X, pp. 352 - 358, 2016.

Impact of publications: [Citations - 449; H - Index: 11; i10: index - 12]

PUBLICATIONS in International & National Journals : [2009 to 2015]

Last FIVE Year Publications

[INTERNATIONAL JOURNALS: NATIONAL JOURNALS :] TOTAL : 30

1. Manjaiah D H, "M-chaining scheme for VoD Application on cluster based Markov Process", *International Journal of Advanced Media and Communication*, *Inderscience Enterprises Ltd., 2009*, pp. 277 - 289.

2. Manjaiah D H, "Optimal Streaming protocol for Vod Using Clients residual Bandwidth", *International Joint Journal Recent Trends in Engineering, Academic Publisher,* 2009, pp. 377 - 380.

3. Manjaiah D H, "IPv4 and IPv6 threat reviews with automatic tunneling and configuration tunneling considerations: Transition model: A case study of University of Mysore Network", *International Journal of Computer Science and Information Security, ISSN 1947 5500*, USA, Vol.3, Num.1, 2009, pp. 1 -12.

4. Manjaiah D H, "Maximizing the Availability and Reliability of Videos in VoD System Using Markov Chain", *Digital Object Identifier,* <u>10.1109/CTRQ.2009.16</u>*, IEEE Xplorer Digital Library ISBN: 978-1-4244-4423-6,* Published Year, July - 2009, pp.15 - 19.

5. Manjaiah D H, "Design and Development of SOA for information retrieval using Web Services", Advances in Information Mining, ISSN: 0975 - 3265, Vol.1 , Issue 2, 2009, pp. 05,-10. (Impact factor value: ICV: 4.56)

6. Manjaiah D H, "Role of IPv6 over Fibre (FIPv6): Issues and Challenges", *(IJCSE) International Journal on Computer Science and Engineering, ISSN : 0975-3397,* Vol. 02, No. 04, 2010, pp. 993-1002.

7. Manjaiah D H, "An Innovative Simulation of IPv4 to IPv6 BD - SIIT Transition Mechanism Methodology between IPv4 hosts in an Integrated IPv6 / IPv4 Network", *International Journal on Computer Network and Security (IJCNS), ISSN :* **2076-2739,** Vol. 02, No. 10, 2010, pp. 168 - 172.

8. Manjaiah D H, "An Innovative Simulation, Comparison Methodology & Framework for Evaluating the Performance Evaluation of a Novel IPv4/IPv6 Transition Mechanisms: BD- SIIT vs DSTM", *Digital Object Identifier,* <u>10.1109/ICIIC.2010.55</u>*, IEEE Xplorer Digital Library ISBN: 978-1-4244-7963-4*, Published Year, Sept. 2010, pp.258 – 263.

9. Manjaiah D H, "A Novel IPv4 / IPv6 Transition Scenarios in 4G - Networks", *Journal of Software Project Management and Quality Assurance, ISSN: 2229 - 7448*, Published Year, July – December. 2010, pp.65 - 77.

10. Manjaiah D H, " Role of CRM e-Business in Knowledge Economy", *Indian Journal of Commerce & Management Studies ,Vol.- II, Issue - 2, March - 2011. ISSN: 2229 - 5674*, pp.154 - 164.

11. Manjaiah D H, "GUI Design Using DLD for All Web Browser Interactions", *World of Computer Science and Information Technology Journal (WCSIT) , ISSN: 2221 - 0741*, Vol.1, No.5,207-212,2011, July. 2011, pp.207 - 212.

12. Manjaiah D H, "Glimpse of IPv6 Mobility Management for 4G - Networks", International Journal of Advanced Computing (IJAC), ISSN:0975 - 7686**,** Vol.3, Issue 3, July 2011. pp.103 – 107. (IF 2.31)

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Invited Talks

International & National Special Talks :[More Than 125 [Since 2003 to As on today]

1. Manjaiah D H, Deliverd Special Lecturer in"STUDENT INTERNET WORLD" – Continuously Organized By Computer Science, Mangalore University., Sponsored By Dept. Of Information Technology And Bio Technology, Govt. Of Karnataka As Part Of Bangalore IT.Com Since From 2004 till today,for Rural High School Students in and around Mangalore University. [2003 , 2004, 2005 and 2006]

2. Manjaiah D H, Delivered Special Lecture On, "Internet Technology & Web Programming "In The Occasion Of National Library Week: 14.11.2006 To 18.11.2006Jointly Organized By Dept. Of Library Science & Karnataka Library Assocition (Kala) 18.11.2006.

3. Manjaiah D H, Special Inaugural talk on"Current trends of Information / InterenetTechnology",during IT Club inauguration,, SDMC Ujire, 5th August, 2006.

4. Manjaiah D H, Key note talk on" Attitude , Aptitude and Academic Challenges in daily Life",during Annual day Chief guest addressing, VidyanikethanCollege, Kaup. 10th Dec. 2007.

5. Manjaiah D H, One day work shop talk on, " Design and Hosting of Web site",St.MaryCollege, Brahmavara,, 31.01.2008

6. Manjaiah D H, Delivered Special talk on," Computer Network Technology, For First Grade College Teachers. Orientation Program", ACADEMICSTAFFCOLLEGE,BANGALORE UNIVERSITY On 11.02.2008.

7. Manjaiah D H, Delivered A Key Note Address on Network Technology In Soft Track Workshop , SrinivasCollege Of Management Studies, Pandeswar Mangalore on 18.02.2008.

8. Manjaiah D H, As a resource person in Refresh Course talk on "Current trends in in Computer Communication Technology", UniversityStaffCollege, Bangalore, 18.03.2008.

9. Manjaiah D H, participated as judge in National level paper presentation event ANVEEKSHA - 08, Dept. of MCA of St.AloysiousCollege, Mangalore 19.03.2008.

10. Manjaiah D H, as a resource person in AICTE – ISTE Short term training programme, Special talk on "Management of Large Information Systems", NMAMIT, NITTE. 19.06.2008.

11. Manjaiah D H, As a Chief guest of the Function and key note talk on " "Information Technology Trends", in National Conference on " Recent Trends in Engineering Technology", Sri RLJ IT, Doddaballapura,Bangalore,21 - 22 Nov. 2008.

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13. Manjaiah D H, As a key note speaker on " Wireless Communication Technology", in National Conference on Recent Trends in Communication Technology", SDMMC, MANGALORE-03 ,20.03.2009.

14. Manjaiah D H, As a resource person in AICTE – ISTE Short term training programme (STTP), Special talk on "Research Issues in Wireless Communication Technology ", SLBSCE, KASRGOD, 25.03.2009.

15. Manjaiah D H, As a resource person in Two - days National Workshop on "Embedded Communication System" , Special talk on "*Glimpse of Embedded Communication System*", Dept. of Computer Science & Engg., Doddaballapura, Bangalore, 03.08.2009.

16. Manjaiah D H, As a chief guest and as a resource person for inaugurating IT - Forum in MAPSCollege, Mangalore and Special talk on "**Linux Environment System**", 08.08.2009.

17. Manjaiah D H, as a chief guest and as a resource person for a special Interaction Program in the Dept. of School of Studies and Computer Applications, Karunya University, Coimbatore. And his Special technical talk on "*Expectation of Students from Industry*", 18.08.2009.

18. Manjaiah D H, as a chief guest and as a resource person for a special Interaction Program in the Dept. of Computer Science, Sri Swamy Narayan Institute of Management Studies, Bangalore. And his Special technical talk on "Recent *Trends in Information Technology*", 19.08.2009.

19. Manjaiah D H, As a resource person in Two - days National Conference on "Wireless Networks [NCOWN09]" , Special talk on "*Research Issues in Wireless Networks*", Dept. of Computer Science & Engg., Doddaballapura, Bangalore, 22.08.2009.

20. Manjaiah D H, As a resource person in Two - days National Workshop on "*Research Trends in Electronics & Communication Enginnering, RTECE-09*", and his Special technical talk on "Research Issues in Computer Network Technology", Dept. of Electronics & Communication Engineering, SDMCET, Dharwad, 23.08.2009.

21. Manjaiah D H, A technical talk on, "*Linux Environment System*", Dept. of MCA, PesidencyCollege, Bangalore, 12.09.2009.

22. Manjaiah D H, A technical talk on, "**Distributed Computing System**", Dept. of Computer Science, SDMCBM, Mangalore, 23.09.2009.

23. Manjaiah D H, A technical talk on, "**Recent trends in Computer Network Technology**", in Inter Collegiate Seminar, VidyaniketanDegreeCollege, KAPU. Udupi (DK) , 30.09.2009.

24. Manjaiah D H, A technical talk on, "*Linux Environment System*", in Students Forum activities inauguration "KRIYA", Dept. of Information Science and Engg. Doddabalalpura. 01.10.2009.

25. Manjaiah D H, A technical talk on, "**Computer network Technology**", in Students Forum activities inauguration "TACTICS", Dept. of Information Science and Engg., and Computer Science and Engg., SDMIT, Ujire. 10.10.2009.

26. Manjaiah D H, A technical talk on, "**Institutional Communication and Computer Network Technology**", in Students Forum activities of Dept. of Computer Science, MUPGCenter, Hassan, 23.10.2009.

27. Manjaiah D H, A technical talk on, "*Research trends in Wireless Network Technology*", Dept. of Information Technology, SMIT, Majithar, Sikkim, 28.10.2009.

28. Manjaiah D H, A technical talk on, "**Linux Operating Systems and Its Applications**", Dept. of Computer Science and IMF Center, Shankaraghatta, Kuvempu University, Shimoga, 04.12.2009.

29. Manjaiah D H, A technical talk on, "*Recent Trends in Computer Network Technology*", Department of Computer Science and Information Technology, Yeshwant Mahavidyalaya. Nanded - 431 602. Maharashtra, India. January 09 -11, 2010. PP No.88 - 89.

30. Manjaiah D H, An inaugural talk of TWISTER - 2010, [Intercollegiate Quiz Competition] technical talk on, "**Importance of Curriculum according to Current IT Employment**", MeridianCollege, Ullal, Mangalore, 08.02.2010.

31. Manjaiah D H, An inaugural ceremony of State Level Paper Presentation INVETIO – 10, technical talk on, "**How *Computer Networking is very essential in today Life***", GMIT, Davangere, 04.03.2010.

32. Manjaiah D H, An inaugural function of Advances in Computer Science and Information Technology [FDP] key note talk on, "**Recent Computer Network technology trends for Teachers and Students** ", Srinivasa Institute of Management Studies, M'lore, 20.03.2010.

33. Manjaiah D H, As a resource person for an Employment Career Advancement Scheme technical talk on, "**Internet Technology**", MilagressCollege, Kalyainpura., Udupi, 09.04.2010.

34. Manjaiah D H, As a resource person for the Inaugural Ceremony of IEEE Students Chapter "EMERGIA – 2010 ", technical talk on, " **Trends ofInternet Technology**", Canara College of Engineering, Mangalore, 16.04.2010.

35. Manjaiah D H, As a Keynote Speaker for the " Fifth Innovative Conference on Embedded Systems, Mobile Communication and Computing [ICEMC² - 2010] ", on specific talk on, "**WEB 2.0 and CLOUD**

COMPUTING", PESIMSR, Kuppam, India. Published in Proceedings pp.xxviii - xxix, 26th - 28th July, 2010.

36. Manjaiah D H, As a Keynote Speaker for the Refresher Course in the theme of Computer & Information Sciencein a specific talk on, "**Computer Network Technology** ", ASC, Karnataka University, Dharwad, India., 28[th]August, 2010.

37. Manjaiah D H, As a chief Guest and an Inaugural Speaker for the Inauguration of **CORE** Computer Science Resourceful Engineers, and technical talk on, "**Importance of LINUX and Windows OS**", Dept. of CSE, MITE, Mangalore , India., 9th September, 2010

38. Manjaiah D H, As a Key Note Speaker on, "Advanced Computer Network Technology", in "**ANVEEKSHA – 2010** ", Dept. of MCA, AIMT, BEERI, Mangalore.India, 5th Oct. 2010.

39. Manjaiah D H, As a chief Guest and an Inaugural Speaker with an entitled " Linux Environment System", for the Inauguration of **MASM , Dept. of MCA, AMIT**, Mangalore, India, 12th October, 2010.

40. Manjaiah D H, special technical talk on "Computer **Networktechnology**", **Dept. of ECE, SIT**,Valachil, Mangalore, India, 30th October, 2010.

41. Manjaiah D H, special technical talk on "EDP programme for MCA Students", **Dept. of MCA, Sridevi Institute of Technology,** Mangalore, India, 9th November, 2010.

42. Manjaiah D H, As a chief Guest for State Level Research Seminar on " Computational Intelligence and Cloud Computing", and as a Technical Resource Person a special talk on with an entitled "Cloud Computing Algorithms", D**ept. of Computer Science and Engg., Valemmal College of Engineering, Madurai, TN,** India, 12 -13th November, 2010.

43. Manjaiah D H, As a chief Guest for State Level Research Seminar on " Computational Intelligence and Cloud Computing", and as a Technical Resource Person a special talk on with an entitled "Cloud Computing Algorithms", D**ept. of Computer Science and Engg., Valemmal College of Engineering, Madurai, TN,** India, 12 -13th November, 2010.

44. Manjaiah D H, As a chief Guest for State Level Research Seminar on " Computational Intelligence and Cloud Computing", and as a Technical Resource Person a special talk on with an entitled "Cloud Computing Algorithms", D**ept. of Computer Science and Engg., Valemmal College of Engineering, Madurai, TN,** India, 12 -13th November, 2010.

45. Manjaiah D H, One full day Technical talk on " Importance on Computer Networking & Revolution", D**ept. of MCA, Shankaraghatta, Kuvempu University, Shimoga**. 5th December, 2010.

46. Manjaiah D H, As a chief Guest & a key note speaker for Faculty Development Program on " Cloud Computing & Virtualization", with an entitled talk on " Cloud Computing Importance and Challenges", D**ept. of MCA, Dayananda Sagar College of Engineering, Bangalore,** India. 10th January, 2011.

47. Manjaiah D H, As a key note speaker for Faculty Development Program on " Knowledge Mining ", with an entitled talk on " Knowledge Management Tools", D**ept. of CSE & ISE, GSSSIETW, Mysore,** India. 4th Februrary, 2011.

48. Manjaiah D H, As a Special Lecture for all discipline Graduate Students with an entitled " Internet and Job Opportunities ", **Dr.N.S.A.M. First Grade College, Nitte, Karkala**. 25th Februrary, 2011.

49. Manjaiah D.H, As a chief guest and Inaugural addressing in the National Level Technical Fest, MEDHA - 2011,"**Sri Devi Institute of Technology**", Kenjar, Mangalore, 7th March – 2011.

50. Manjaiah D.H, As a chief guest and Key note speaker with an entitled," Recent trends in Computer Network Technology", during FDP programme ," **Srinivas Institute of technology, Valachil,** Mangalore, 26th July - 2011.

51. Manjaiah D.H, As a resource person and technical talk with an entitled," Linux Network Utilities for Researcher", in Faculty Development Program, **Department of MCA, , Kuvempu University, Shimoga,** 27th July - 2011.

52. Manjaiah D.H, As chief Guest and a resource person and technical talk with an entitled," Advanced Network Program Using Sockets", in Faculty Development Program, **Department of CS&E, , Sahyadri Institute of Technology, Mangalore,** 20th Sept. - 2011.

53. Manjaiah D.H, As chief Guest and a resource person and technical talk with an entitled," Advanced Computing Paradigma", in Inaugural Session of ANVEEKSH - 2011, 14th Oct. - 2011.

54. Manjaiah D.H, As chief Guest and a resource person and technical talk with an entitled," Cloud Computing Challenges", in National Conference on Recent Trends in Cloud Computing, **SDMCBM, Mangalore,** 15th Dec. - 2011.

55. .Manjaiah D.H, As chief Guest and a resource person and technical talk with an entitled," Recent Trends in IT", in National Level Seminar on Computer Science and Information Technology Paradigm , Dept. of CS, **SSITS, Taliparambu, Kannur University, Kerala,** 8th February - 2012.

56. Manjaiah D.H, As chief Guest and a resource person having technical talk with an entitled," Recent Trends in Computer Network Technology", in National Conference on Frontiers of Computer Science and Technology, Dept. of CSE, **RRCE, Bangalore,** 15th February – 2012.

57. Manjaiah D.H, As chief Guest and a resource person and technical talk with an entitled," Internet technology and Web Programming", in National Level IT Competition, **MULTITEREA - 12** , Dept. of CS, **TASC, Kanighard, Kannur University, Kerala,** 29th February - 2012.

58. Manjaiah D.H, As chief Guest and a resource person and technical talk for **STATE LEVEL IT FEST**, **Dept. of MCA,SRI DEVI INSTITUTE OF TECHNOLOGY,** Mangalore,9th March - 2012.

59. Manjaiah D.H, As Inaugural chief Guest and as a resource person for National Level Seminar on " Recent Developments in Information Technology", and technical talk with an entitled," **GLIMPSE OF LINUX ENVIRONMENT TECHNOLOGY**", Dept. of CS, Application & Animation, **St. Aloysius College (AUTOMONOUS), Mangalore - 575 003**.10th March - 2012.

60. Manjaiah D.H, As a Key Note speaker and chief Guest for STEADY Technical talk with an entitled," **ADVANCED COMPUTER NETWORK TECHNOLOGY", 20th, April, 2012, Dept. of ECE, Srinivasa Institute of Technology,** Valachil, Mangalore - 574 143. Karnataka, India.

61. Manjaiah D.H, As Inaugural chief Guest and as a resource person for National Level Seminar on " Recent Developments in Information Technology", and technical talk with an entitled," **LINUX NETWORKTOOLS** ", **19th - 20th, April, 2012, Dept. of MCA, Srinivasa Institute of Technology, pp.10,** Valachil, Mangalore - 574 143. Karnataka, India.

62. Manjaiah D.H, as a resource person to CIMINAX [Computer Science students association] for technical talk on "**LINUX ENVIRONMENT TECHNOLOGY**", **23rd, April, 2012, Dept. of CSE, Alva's Engineering Institute of Technology, pp.10, Moodibidri,** Mangalore - 574 143. Karnataka, India.

63. Manjaiah D.H, as a resource person for National Conference on " Advanced Computer Applications", as a technical speaker on "**LINUX NETWORK DESIGN ISSUES** ", **11th May, 2012, Dept. of MCA, SSIT, TUMKUR**. Karnataka, India.

64. Manjaiah D.H, as a resource person for an Inauguration of IT Forum and delivering a Lecture on," **Internet Technology** ", **11thAugust, 2012, SACRED HEART COLLEGE, MADANTHYAR - 574 224.** Karnataka, India.

65. Manjaiah D.H, as a Key note speaker for National Conference on " **Advanced IT, Engineering and Management** ",**[SACAIM 2012]** and technical talk with an entitled," **Emerging Trends in Next Generation Networks**". 6th September - 2012. PG Dept. of Computer Applications, Software Technology and Bioinformatics, AIMIT, **St. Aloysius College (AUTOMONOUS), Beeri, Mangalore - 575 022**.Karnataka, India.

66. Manjaiah D.H, As a Key Note speaker and chief Guest for an inauguration function of **CIPIX** and Technical talk with an entitled," **Linux Environment System Technology",7thSeptemebr, 2012, Dept. of ISE & CSE, CANARA COLLEGE OF ENGG., Benjanapadvu, Bantawal, D.K. - 574219.**Karnataka, India.

67. Manjaiah D.H, As a Key Note speaker and chief Guest for an inauguration function of **EXOTIC** and Technical talk with an entitled," **Research Methodology",03.11.2012, Dept. of ISE & CSE, GM Institute of Technology., Davangere - 577 006.**Karnataka, India.

68. Manjaiah D.H, As a Key Note speaker and chief Guest for an inauguration function of **CIPIX** and Technical talk with an entitled," **Linux Environment System Technology",7thSeptemebr, 2012, Dept. of ISE & CSE,**

CANARA COLLEGE OF ENGG., Benjanapadvu, Bantawal, D.K. - 574219. Karnataka, India.

69. Manjaiah D.H, As a Key Note speaker and chief Guest for an inauguration function of National Seminar on " Current Trends and Technologies in Computer Science", and as a resource person Technical talk with an entitled, " **Current Trends in Computer Communication and Network Technology", 21.01.2013, Dept. of Computer Science, Govt. College, Kasaragod:671 123, Kerala.** India.

70. Manjaiah D.H, Technical talk to the Students Community of Kongu Engineering College with an entitled on, " **Linux Flavors &Network Strategies",04.03.2013, Dept. of MCA, Perundurai, Erode, Tamilnadu,India.**

71. Manjaiah D.H, As a chief Guest for an inauguration function of **TECHGEEKZ** association and asKey Note speaker with an entitled, **" Linux Network Security Issues", 13.03.2013, Dept. of ISE, Alva's Institute of Technology, Mppdnidri.DK,**India.

72. Manjaiah D.H, As a chief Guest for an inauguration function of, "**International Conference on Circuit, Power and Computing Technology" [ICCPCT – 2013], 21-22nd March- 2013,** and asKey Note speaker with an entitled, **" Current Trends of Computing Technology", 21.03.2013, Dept. of Electrical and Electronics, Noorula College Engineering of Higher Education University, Kumaracoil, Nagaracoil [Dist.], Kanyakumari, TN,**India.

73. Manjaiah D.H, As a chief Guest for an inauguration function of Two days workshop on " **Cloud Computing and Web Mining**", **29.03.2013** and asKey Note speaker with an entitled, **" Cloud Computing Research Principles and Challenges",Dept. of ISE & CSE, Sir MVIT, Yalahanka, Bangalore,**India.

74. Manjaiah D.H, As a chief Guest for an inauguration function of one day Technical Fest "**THANTRAJNA'13**", **16.04.2013** and asKey Note speaker with an entitled, **" Current Trends in Communication and Network Technology",Dept. of ISE & CSE, K.V.G.College of Engg., Sullia,**India.

75. Manjaiah D.H, As a chief Guest for an inauguration function of National Conference on " **Recent Trends in Information and Communication Engineering**", **19.04.2013** and asKey Note speaker with an entitled, **"Emerging Technology Challenges",Dept. of Information Science Engineering, City Engineering College, Bangalore,** India.

76. Manjaiah D.H, As a chief Guest for an inauguration function of 3rd National Conference on " **Recent Trends in Computers, Communication & Information Technology", 29.04.2013** and asKey Note speaker with an entitled, **"Resources for Researches in LINUX Environment System",Dept. of Information Science Engineering/CSE, M.S. Engineering College, Bangalore:562 110.,** India.

77. Manjaiah D.H, As a resource person for Jointly organized programme of Employment Bureau, Mangalore University and Amruta College, Padil, Mangalore on, " **Employment Awareness and Exhibition ", 25.07.2013** and given talk with an entitled, **"Computer Science and Internet Scope".**

78. Manjaiah D.H, As a chief Guest for an inauguration function of **SAC AIM - 2013** association and asKey Note speaker with an entitled, **" Linux Network Security", 05.09.2013, AIMIT, Mangalore,**India.

79. Manjaiah D.H, As a resource person for one day full workshop on, " **Linux Network Security Issues**", Reva Institute of Science and Management, Bangalore held on **14.09.2013.**

80. Manjaiah D.H, As a chief Guest for an valedictory function of Two days workshop on " **Research Methodology for Computer Science Professionals**", **04.12.2013** and asKey Note speaker with an entitled, **" Network Design Issues of Linux Environment System for Researchers",Dept. of CSAT, SSTC, Pollachi – 642 107. T.N.,**India.

81. Manjaiah D.H, As a chief Guest for an inauguration function of Two days workshop on " **Wireless Sensor Networks**", **07.12.2013** and asKey Note speaker with an entitled, **" Challenging Issues of Wireless Sensor Networks",Dept. of CSE / FE, Avinashilingam Women's University, Coimbatore, T.N.,**India.

82. Manjaiah D.H, As a chief Guest for an inauguration function of Two days workshop on " **Research Professional Activities**", **19.12.2013** and asKey Note speaker with an entitled, **" Linux Networking Security",Dept. of Computer Science, Coimbatore, T.N.,**India.

83. Manjaiah D.H, As a resource person for UGC sponsored National Level Seminar on, " **PARALLEL & DISTRIBUTED PROCESSING TECHNIQUES & APPLICATIONS", 14.02.2014** and having a Talk with entitled on, "Challenges in Parallel Distributed Processing", Dept. of Computer Science St. Philomena College, Puttur – 574 202.

84. Manjaiah D.H, As a resource person for Refresher Course, Academic Staff College (ASC), Karnataka University, Dharwad. Technical talk with an entitled on, "**Importance of Computer Network and Wireless Networks in day to day Life", 25.02.2014.**

85. Manjaiah D.H, As a resource person for National Conference on Recent Trends in Information Technology, Dept. of Computer Science, Sree Ayyappa College, Eramallikkara – 689 109., Chengannur, Alappuzha (Dist.), Kerala. Technical talk with an entitled on, **"Resources for Researchers in Linux Environment System", 07.03.2014.**

86. Manjaiah D.H, As a resource person for Two Days National Seminar on Global Research Scenario in Computer Science (GRSC'14), Dept. of Computer Science, PSG College of Arts & Science, Coimbatore – 14, Technical talk with an entitled on, "**Importance of Linux Environment System for Researchers", 08.03.2014.**

87. Manjaiah D.H, As a resource person for One National Seminar on Research Trends in Information Technology, Dept. of Computer Science, Indian Academy Degree College , Bangalore, Technical talk with an entitled on, "**Importance of the Linux System for the Professionals", 15.03.2014.**

88. Manjaiah D.H, As a resource person for Refresher Course, Academic Staff College (ASC), Shree Venkateswara University, Tirupati, AP, Technical talk with an entitled on, "**Importance of Computer Networks in our day to day life", 18.03.2104.**

89. Manjaiah D.H, As a resource person for workshop on Internet technology Trends, School of Computer Science, Mahatma Gandhi University, Kottayam, Kerala., Technical talk with an entitled on, "**Significant and Challenging events of Linux Environment System.", 21.07.2104.**

90. Manjaiah D.H, As a resource person for four Day workshop on BIG DATA – ANALYTICS AND USAGE OF HADOOP, Reva Institute of Technology. Technical talk with an entitled on, "**Importance of BIG - DATA at present arena ", 28.07.2104.**

91. Manjaiah D.H, As a resource person for UGC sponsored National Conference on BIG DATA - CHANGING THE WORLD, Shri Dharmasthala Manjunatheswara College of Business Management, Mangalore – 575 003. Technical talk with an entitled on, "**Current Trends of Big Data Analysis", 30.07.2104.**

92. Manjaiah D.H, As Inaugural chief Guest and as a resource person for One day National Conference on " Recent Trends in Computing and Information Technology", and technical talk with an entitled," **Importance of Information Communication Technology at present era**", **9th August, 2014, Srinivasa Institute of Management Studies, Srinivas Campus, Pandeshwar, Mangalore – 575 001**. Karnataka, India.

93. Manjaiah D H, As a resource person on," Importance of Computer Network Technology in our Day - to - Life"" And , for Refresher Course, **23rd September, 2014** at **Academic Staff College, Bangalore University.**

94. Manjaiah D.H, As Inaugural chief Guest and as a resource person for two days International Symposium on, "Research Innovation for Quality Improvement in Higher Education [RIFQIIHE] ", and technical talk with an entitled," **Emerging Technologies for Managing Big - Data**", **11thOctober, 2014, Bharathiar University, Coimbatore,T.N.**, India.

95. Manjaiah D.H, As Inaugural chief Guest and as a resource person for two days workshop on, "Importance of Research in our Day –to-Day life", and technical talk with an entitled," **Current Trends in Computer Network Technology**", **16thOctober, 2014, Avinashilingam University for Women, Coimbatore,T.N.**, India.

96. Manjaiah D.H, As Inaugural chief Guest and as a resource person for **ISRASEFirst International Conference on Recent Advances in Science and ENGINEERING - 2014** and presented Technical Talk on, "Resources for Researchers in Linux Environment System", 31st October**, 2014, ICRASE, Bangalore**, India.

97. Manjaiah D H, As a Keynote Speaker for the National Workshop in the theme of Emerging Technologyin a specific technical talk on, "**Resources for Researchers in Linux Environment System**", 3rd November, 2014, Nanda College of Engineering, Erode, TN.

98. Manjaiah D H, As a Keynote Speaker for the Refresher Course in the theme of Computer & Information Sciencein a specific talk on, "**Importance of Network Technology in our Day - to - Day Life**", ASC, Karnataka University, Dharwad, India., 30th December, 2014.

99. Manjaiah D H, Guest lecturing for the MSc (Computer Science), BCA and BSc. Students, in the theme of Computer & Information Sciencein a specific talk on, "**Importance of Linux Environment System**", St. Philomena College, Centre for P.G.Studies & Research, Puttur, Karnataka, 21st Feb. 2015.

100. Manjaiah D.H, As a chief Guest for an inauguration function of "**International Conference on Computing and Intelligence Systems [ICCIS 2015]",** and asKey Note speaker with an entitled, **"Importance of Computational Tools for Researchers",** PG & Research Department of Computer Science and Applications, DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE (Autonomous), Arumbakkam, Chennai – 600 106, India.,19th - 21th,March, 2015.

101. Manjaiah D.H, As a chief Guest and Jury for, " **Dr. AIT Techno Exhibition [Inspire, ASPIRE and Achieve", Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY**, Bangaluru, India.,14th,April, 2015.

102. Manjaiah D.H, As a chief Guest and as a Session Chair of " **International Conference on Advances in Computer & Communication Engineering [ACCE- 2015]",** and asKey Note speaker with an entitled, **"Importance of Open Source Software [OSS] for Researchers", VEMANA INSTITUTE OF TECHNOLOGY**, Koramangala, Bangalore, India.,5th - 6th,May, 2015.

103. Manjaiah D.H, As Inaugural chief Guest and as a resource person for **ISRASESecond International Conference on Recent Advances in Science and Engineering– 2015 [ICRASE], BANGALURU,**and presented Technical Talk on," How to concentrate on research problems using various Mathematical techniques", 9th and 10th May, **2015, ICRASE, Bangalore**, India.

104. Manjaiah D.H, As Inaugural chief Guest and as a resource person for **National Symposium on Emerging Trends in Computing & Informatics [NSETCI - 2016] and** presented a Technical Talk on,"**Emerging Trends in Communication & Computing Paradigm**", Department of Information Technology, Rajagiri School of Engineering & Technology in Association with ACM Kochi Chapter & CSI Cochin Chapter, Kochin**,** Kerala, India, 12th July, 2016.

Membership of Professional Bodies :

Membership / Awards			
Title	**Type/Nature**	**Institution Name**	**Date / Year**
LMISTE [LM – 24985]	Life Member	The Indian Society for Technical Education [ISTE], New Delhi, India.	1995
LMCSI [LM- 00002429]	Life Member	Computer Society of India [CSI], Worli, Mumbai, India.	1998
IAENG [IAENG – 65089]	Life Member	International Association of	2003

		Engineers [IAENG], USA.	
ACEEE [IASM - 7000347]	Independent Associate Individual Member	Association of Computer Electronics and Electrical Engineers [ACEEE], USA.	2005
99IACSIT [ILM- 80331814]	International Life Member	International Association of Computer Science and Information Technology [IACSIT], USA.	2005
WASET	WASET Life Membership	World Academy of Science, Engineering and Technology (WASET) www.waset.org	2006
ACS	ACSLM	Advanced Computing and Communication Society.(**ACS**), I.I.Sc., Bangalore, India.	2005
ASMT	LMASMT	Asian School of Management and Technology [**ASMT**], Kolkata, West Bengal, India.	2006

Any other Information :

Computer Skills	
Software/Programming languages	Implementation of Data Structures feature skills using C, C++, Java and Python Programming. Design specification of various protocols validation & verification of TCP/ IP reference Model. Encapsulation of Peer to Peer using standard Interfaces. Implementation of various Routing Protocols, Computing Knowledge of MATLAB, Simulators like NS2 &NS3, GlomoSim using in Cloud computing environment.

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