

FACULTY INFORMATION

PERSONAL INFORMATION	
Name	Manjunath C R
Designation	Associate Professor
Official Email ID	cr.manjunath@jainuniversity.ac.in
Academic Experience	19 Years
Industry Experience	0.5 Year
Core Discipline	Computer Science & Engineering
Specialization	Sensor Networks, Software Engineering
Research Interest	Sensor Networks, Software Engineering



PROFESSIONAL QUALIFICATION		
Qualification / Discipline (Start with UG degree)	Year of Passing	Institution
Ph.D.	Pursuing	Jain (Deemed-to-be University)
M.Tech.	2005	AAIDU
BE	2000	UBDTCE

SUMMARY OF RESEARCH PUBLICATIONS		
INTERNATIONAL JOURNALS		
Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
International Journal of Engineering & Technology	7 - 3.29, Page No. 173 - 176, 2018	Multicast routing for mesh-based using dsr in wireless sensor network.
IJRASET	ISSN:2321 – 9653, Vol 6, Issue 5, 2018	Detecting melanoma cancer using image processing.
IJRASET	ISSN:2321 – 9653, Vol 6, Issue 5, 2018	Crop recommendation system for precision agriculture.
IJRASET	ISSN:2321 – 9653, Vol 6, Issue 5, 2018	Enhancing security of patient health records in cloud computing.
IJRASET	ISSN:2321 – 9653, Vol 6, Issue 5, 2018	IoT based quality estimation of chemical fertilizers.
IJRASET	ISSN:2321 – 9653, Vol 6, Issue 5, 2018	Smart wheelchair using medical IoT.
IJRASET	ISSN:2321 – 9653, Vol 6, Issue 5, 2018	A review on freshness of the fish by different methods.
IJRASET	ISSN:2321 – 9653, Vol 6, Issue 5, 2018	Prescription per plant detecting the essential minerals that needs to be added for optimum growth of the plant.
IJRASET	ISSN:2321 – 9653, Vol 6, Issue 5, 2018	Smart device for detection of environmental factors to alert asthma patients.
IJRASET	ISSN:2321 – 9653, Vol 6, Issue 5, 2018	A review on detection of plant diseases through various methodologies.
IJRASET	ISSN:2321 – 9653, Vol 6, Issue 5, 2018	Estimating of minimum support price (msp) of crops using data analysis.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	Securing mechanism of healthcare data on cloud.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	A comparative study on agricultural crop disease detection systems.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	Mobile application for the agricultural mandi using e-auction.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	A survey on wireless body area network sensors and security issues.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	A survey:Modernizing agriculture in India.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	Next generation sequencing in big data.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	Floriculture using IoT in India.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	Blind navigation: technologies for visually impaired.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	Impacts of big data on smart farming.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	Survey paper on 3-d bio-printing for hard tissue.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	Med - care using IoT.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	Medication adherence of tb patients using IoT.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	IoT based smart clothing.
IJTSRD	ISSN:2456 - 6470, Vol 2, Issue 4, 2018	Application of big data analytics with evidence based medicine.
IJARIIIT	ISSN:2454 – 132X, Vol 4, Issue 3, 2018	Big data analytics in precision agriculture and constant monitoring of soil and weather.
IJARIIIT	ISSN:2454 – 132X, Vol 4, Issue 3, 2018	Cardiovascular health pre-diagnosis system based on bp profile using back propagation algorithm.
IJARIIIT	ISSN:2454 – 132X, Vol 4, Issue 3, 2018	Acquisition, management, and delivery of drugs.
IJARIIIT	ISSN:2454 – 132X, Vol 4, Issue 3, 2018	Predicting kidney related diseases.
IJARIIIT	ISSN:2454 – 132X, Vol 4, Issue 3, 2018	Dynamic path optimization of traffic signal system for ambulance dispatch in emergency medical response using analytical hierarchy process.

IJARIIT	ISSN:2454 – 132X, Vol 4, Issue 3, 2018	Prediction model of crop yield for food crop grown above ground level through big data analytics.
IJARIIT	ISSN:2454 – 132X, Vol 4, Issue 3, 2018	Holographic imaging system to detect fractures.
IJARIIT	ISSN:2454 – 132X, Vol 4, Issue 3, 2018	Smart agriculture by monitoring moisture ph levels in soil.
International Journal of Trend in Scientific Research and Development (IJTSRD)	ISSN:2456 - 6470, Vol 2, Issue 3, Page No. 2437 - 254, 2018	Securing mechanism of healthcare data on cloud.
International Journal of Applied Engineering Research	ISSN:0973 - 4562, Vol 12, No. 18, 2017	A comparative study on data extraction and its processes.
International Journal of Research – Granthaalayah	pp 240 - 246, Vol.5, Issue.6, June 2017	Share and use.
International Journal of Research – Granthaalayah	pp 86 - 90, Vol 5, Issue 4, RACSIT, April 2017	Survey on design of patient blood pressure monitoring system using secure IoT.
International Journal of Research – Granthaalayah	pp 14 - 20, Vol 5, Issue 4, RACSIT, April 2017	Comparison of wireless network over wired network and its type.
International Journal of Research – Granthaalayah	pp 78 - 81, Vol 5, Issue 6, June, 2017	Finding the traffic location name in google map.
International Journal of Research – Granthaalayah	pp 44 - 50, Vol 5, Issue 6, June, 2017	Project agro.
International Conference on Current Trends in Engineering, Science and Technology (ICCTEST)	Grenze ID:02.ICCTEST.2017.1.141, Grenze Scientific Society, 2017	Efficient algorithms for multicast tree construction in randomly placed WSN.
International Conference on Current Trends in Engineering, Science and Technology (ICCTEST)	Grenze ID:02.ICCTEST.2017.1.114, Grenze Scientific Society, 2017	Pothole detection.
International Journal of Computer Science Trends and Technology (IJCSST)	ISSN:2347 - 8578 , pp 143 –150, Vol 4, Issue 4, August 2016	A study on multi-sink data aggregation in WSN.
International Journal of Computer Science Trends and Technology (IJCSST)	ISSN:2347 - 8578 , pp 138 - 142, Vol 4 Issue 4, August 2016	A study on energy efficient multicast approach for grid based WSN.
International Journal of Applied Engineering Research	ISSN:0973 - 4562 Vol 10 No.86, 2015, Research India Publications, pp 313 - 319	Cyber attacks and counter measures – a survey.
International Journal of Applied Engineering Research	Research India Publications, pp 271 - 274, ISSN:0973 - 4562, Vol 10, No.86, 2015	Security threats and countermeasures in cloud – A survey.
International Journal of Innovative Technology and Research IJITR	ISSN:2320 - 5547, pp 128 – 130, 2015	Security of smart objects in IoT.
International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE)	ISSN:0976 - 1353 Vol 14, Issue 2, April 2015, pp 174 - 177	Efficient qos routing approaches in wireless sensor network: a survey.
International Advance Computing Conference (IACC)	ISSN:78 - 1 - 4799 - 8047- 5 / 15, 2015, IEEE, pp 472 – 475	An hybrid secure scheme for secure transmission in grid based wireless sensor network.
International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)	Vol 4 Issue 7, July 2015, ISSN:2278 – 1323, pp 3152 – 3154	Monitoring smartphone activity.
IJSRD - International Journal for Scientific Research & Development	Vol 3, Issue 06, ISSN:2321 - 0613, pp 1277 – 1279, 2015	Behavioral malware detection in delay tolerant sensor network.
International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)	Vol 4, Issue 7, July 2015, ISSN:2278 – 1323 , pp 3155 – 3157	Blocking usb drive from virus using filtering techniques.
IJSRD - International Journal for Scientific Research & Development	Vol 3, Issue 06, ISSN:2321 - 0613, pp 1345 – 1347, 2015	Secure communication using cp-abe for disruption tolerant sensor network.
International Journal of Computer Science Trends and Technology (IJCSST)	Vol 3, Issue 4, August 2015, ISSN:2347 - 8578, pp 223 – 227	A survey on energy efficient routing techniques in mobile wireless sensor network.
International Journal of Advanced Research in Computer Science & Technology	Vol 3, Issue 3, September 2015, ISSN:2347 - 8446 (Online) ISSN:2347 - 9817, pp 25 – 27	Hop-by-hop message authentication based on block cipher approach in wireless sensor networks.
International Journal of Science and Research (IJSR)	ISSN:2319 - 7064 , 2014	Cluster based efficient location aware – source multicast routing approach for wireless sensor networks.
International Journal of Advanced Research in Computer Science & Technology	ISSN:2347 - 8446, Online - ISSN:2347 - 9817, Vol 2, Issue 3, September 2014)	Towards high security and fault tolerant dispersed storage system with optimized information dispersal algorithm.
International Journal of Engineering and Computer Science(IJECS)	ISSN:2319 - 7242, Volume 3, Issue 6, June 2014	Layer based secure data aggregation for wireless sensor network.
International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)	ISSN:2278 – 8875, Vol 3, Issue 5, May 2014	Secure transmission in manet and wireless sensor network.
International Journal of Engineering Research & Technology (IJERT)	ISSN:2278 - 0181, June 2014	Secure multicasting using geographical information: a cluster based approach in wireless sensor networks.
International Journal of Engineering Research & Technology (IJERT)	ISSN:2278 - 0181, June 2014	A survey on load prediction techniques in cloud environment.
International Journal of Engineering Research & Technology (IJERT)	ISSN:2278 - 0181, June 2014	Secure multicast scheme in cluster based wireless sensor network.
International Journal of Engineering Research & Technology (IJERT)	ISSN:2278 - 0181, June 2014	Rule based energy consumption in cluster based wireless sensor networks.
International Journal of Advanced Computer Technology	ISSN:2320 - 0790 Compusoft, July 2014	Load forecast for economic power generation and distribution in smart grid environment.
International Journal of Emerging Technology and Advanced Engineering	Vol 3, Issue 6, June 2013, ISSN:2250 - 2459	Integration of steganography and visual cryptography for authenticity.
International Journal Network and Computer Engineering (IJNCE)	ISSN:0975 - 6485, 2013	Modified QKD approach for secure key distribution using quantum cryptography.
International Journal of Computational Engineering Research (IJCER)	Vol 03 ,Issue 6, June 2013, ISSN:2250 - 3005	Local maximum lifetime algorithms for strong K - Barrier.

IOSR Journal of Computer Engineering (IOSR - JCE)	Vol 11, Issue 6, June 2013, pp 27 - 30, ISSN:2278 - 8727	A study on recent trends and developments in intrusion detection system.
International Journal of Computational Engineering Research (IJCER)	Vol 03, Issue 5, ISSN:2250 - 3005, 2013	Data aggregation protocols in wireless sensor networks.
International Journal of Engineering Research & Technology (IJERT),	ISSN:2278 - 018, 2013	Localization in wireless sensor network.
International Journal of Computer Science and Mobile Applications (IJCSMA)	2013	Design and implementation of enhanced secure field based routing in wireless mesh network (WMN).
International Journal of Modern Engineering Research (IJMER)	Vol 3, Issue 3, May - June 2013, pp 1636 - 1640, ISSN:2249 - 6645	Data routing in in-network aggregation in WSN - A cluster based approach.

SUMMARY OF CONFERENCES PARTICIPATED

INTERNATIONAL CONFERENCES

Name of the Conference	Organizer, Place	Year
Int. Conf. on Current Trends in Engineering, Science and Technology	DBIT, Bangalore - Bangkok	2017
International Conference on Cloud and Big Data Analytics, ICCBDA	PSGCT, Coimbatore	2013
3 day Agile Software Development – DDFEP	Sona Institute of Technology, Salem	2015
5 day Campus Connect Programme – DDFEP	Infosys Campus, Chennai	September – 2014
2 day FDP on Multi core Programming	PESIT	March, 2011
5 days Train the Trainer Program on Information Storage & Management	EMC ² , Bangalore	2011
6 days FDP on Knowledge Technologies for WEB	PESIT	March, 2010

NATIONAL CONFERENCES

Name of the Conference	Organizer, Place	Year
5 day workshop on OBE	Jain (Deemed-to-be University)	2017
5 day workshop on OBE	Jain (Deemed-to-be University)	2016

AWARDS / HONORS / ACHIEVEMENTS

Nature	Year	Awarding Institution
Best Researcher	2018	Ijrula Title Award Winner
Best Teacher award	2017	Jain (Deemed-to-be University), Faculty of Engineering and technology

POSITIONS HELD IN THE PRESENT ORGANIZATION

Designation	From - To	Institution / Organization
Exam Section - SET Head	2017 - Till Date	Jain (Deemed-to-be University), Faculty of Engineering and technology