

CHATRAPATHI SIVAJI TRI SATHA JAYANTHI (CSTS) GOVT. KALASALA



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STAFF PROFILE

1. Discipline / Subject : COMPUTER SCIENCE
2. Name : Dr K. Satya Rajesh
3. Date and Place of Birth : 29-05-1981
4. Nationality / Community / Caste : INDIAN, OC
5. Address : Flatno 502, Jayadhana Lakshmi Hills, DBK Street,
Machavaram, Vijayawada - 520004
6. Phone- a) Mobile: b) Res:
7. Email : ksatyarajeshcse@gmail.com
8. Educational Qualification:



Name of the Institute	Degree	Branch / Specialization	% of Marks / grade secured	Year of award of degree	Ranks / Medals, if any	Additional Credentials, (NET / SET / GATE etc.)
Rayalaseema University, Kurnool	Ph.D	Computer Science		2017		
Acharya Nagarjuna University	M.Tech	Computer Science & Engineering	75	2010		
Manonmaniam Sundarnar University	M.C.A	Computer Applications	72	2003		

9. Experience Details:

Name & Place of the Institute/Industry	Position	From	To	Duration (Year & Month)
CSTS Govt. Kalasala, Jangareddygudem, Eluru Dist, A.P.	HOD, Dept. of Computer Science	July 2019	Till Date	3.5 Years
SRR & CVR Govt. Degree College (A), Vijayawada	HOD, Dept. of Computer Science	Jan 2013	July 2019	6.5 Years
Lingayas Institute of Mgmt & Technology, VJA Rural	Assoc. Prof & HOD of CSE	Mar 2012	Dec 2012	9 months
Vikas College of Engg & Tech, Vijayawada	Assoc. Professor	Jan 2010	Mar 2012	2 Years

10. Subjects Taught:

Subject	UG / PG	Number of times this subject has been taught	Course materials prepared if any, for the subjects taught
C Programming	UG	20	Course Material and Video lessons will be provided
C++ Programming	UG	5	Course Material provided
Oops with Java	UG	10	Course Material and Video lessons will be provided
DBMS	UG	10	Course Material and Video lessons will be provided
Web Technology	UG	10	Course Material and Video lessons will be provided
Software Engg	UG	5	Course Material and Video lessons will be provided
Operating Systems	UG	5	Course Material and Video lessons will be provided
Big Data using HADOOP	UG	1	Course Material and Video lessons will be provided
R Programming	UG	1	Course Material and Video lessons will be provided
PHP	UG	1	Course Material and Video lessons will be provided

11. Subjects you can teach other than the above listed Subjects:

Sl. No	Subject
1	- Design Analysis & Algorithms
2	- Multimedia Application Development.
3	- Software Project Management.
4	- E-Commerce.
5	- Tally, Wings, Focus, Tata ExNgn
6	- DTP Tools (Pagemaker, Coreldraw)

12. Field(s) of Research Work

Wireless Networks and Sensor Networks, Data Warehousing and Data Mining

13. Title of Thesis (if any)

NEOTERIC QUALITY OF SERVICE (Qos) IN UBIQUITOUS SENSOR NETWORKS USING TCP/IP PROTOCOL

14. Summary of Publications:

No of Journal Publications			No of Conference Publications		
International	National	Regional	International	National	Regional
25	1				

15. Details of Articles Published in Journals

- **K. Satya Rajesh** , N. Raghavendra Sai, Ch. Nagamani “Network Database Security in Wireless Sensor Networks with Intellectual Access of using Outlier Detection Techniques”, **International Journal of Engineering and Advanced Technology (IJEAT)** ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019 PP.NO 4660-4662 (Scopus Indexed)
- **K. Satya Rajesh** , N. Raghavendra Sai “An Efficient LOS Scheme for Network Data Analysis”, **Journal of Adv Research in Dynamical & Control Systems**, (ISSN: 1943-023X) Vol. 10, No. 9, August 2018 PP.No 361-368 (UGC Approved: Sl. No 26301).
- **K. Satya Rajesh** , N. Raghavendra Sai “An Hybrid Approach for Classification of KDD Data ”, **International Journal Of Innovative Technology And Creative Engineering** (ISSN:2045-8711) VOL.8 NO.3 MARCH 2018 PP.No 472-475 (UGC Approved: Sl. No 47662).
- **K. Satya Rajesh** , N. Raghavendra Sai "A Novel Technique to Classify the Network Data by Using OCC with SVM” **International Journal of Advancements in Technology** published in March 2018 Vol 10, Issue 31, ISSN: 0976-4860, Vol 9, Issue 1, PP 1-5 (UGC Approved: Sl. No 2507).
- **K. Satya Rajesh** , P.Suresh Varma, Hussain Pathan,” **Wireless Sensor Networks: Data Aggregation Using LEACH Routing Protocol**”, **International Journal of Engineering Technology Science and Research** published in Nov 2017, Volume 4, Issue 11, ISSN 2394 – 3386, PP 428-431, Impact factor 2.120 (UGC Approved: Sl. No 44431)
- **K. Satya Rajesh** , N. Raghavendra Sai " Cluster Ensemble Approach Based Concept Summarization in Uncertain Categorical Data Streams", **International Journal of Control Theory and Applications** published in 2017 Vol 10, Issue 31, ISSN: 0974–5572, PP 243-253 (Scopus Indexed).
- **K. Satya Rajesh** , P.Suresh Varma, Hussain Pathan "QoS Performance of IEEE 802.11 in MAC and PHY Layer using Enhanced OAR Algorithm", **Indian Journal of Science and Technology (Indjst)** published in Mar 2017, Vol 10, Issue 9, ISSN (Online): 0974-5645 and ISSN (Print): 0974-6846 PP 1-9 (Scopus Indexed).

- **K. Satya Rajesh , N. Raghavendra Sai " A Novel based Approach for Liaison Analysis In Data Summarization and Deep Web Interface Data Extraction",** International Journal of Control Theory and Applications published in 2016 Vol 9, Issue 42, ISSN: 0974-5572, PP 267-278 (Scopus Indexed).
- **K. Satya Rajesh , V. Uma Lakshmi " A Study on Next Generation Networks with Li-Fi Technology",** International Journal of Innovative Research in Advanced Engineering (IJIRAE) published in Dec 2016 Vol 3, Issue 12, ISSN: 2349 2763, PP 62-64.
- **K. Satya Rajesh , P.Suresh Varma, Hussain Pathan "In Mac Layer Improving Residual Energy Using An Enhanced Oar Algorithem With Calculation.",** International Journal of modern Trends in Engineering and Research (IJMTER) published in Dec 2016 Vol 3, Issue 12, e-ISSN: 2393 8161, PP 148-155.
- **K. Satya Rajesh , P.Suresh Varma, Hussain Pathan "Qos Based Performance Analysis Of Ieee 802.11 In Mac And Phy Layer Using Oar Algorithm",** International Journal of modern Trends in Engineering and Research" (IJMTER) published in Nov 2016 Vol 3, Issue 11, e-ISSN: 2393 8161, PP 114-122.
- **K. Satya Rajesh , P.Suresh Varma " Improving Packet Delivery Ratio in Ubiquitous Sensor Networks",** International Journal of Advanced Research in Computer Science and Software Engineering published in Apr 2016 Vol 6, Issue 4, e-ISSN: 2277 128X, PP 76-78.
- **K. Satya Rajesh , P.Suresh Varma " Improving QoS of TCP/IP Sensor Networks Using Novel Gateway Approach",** International Journal of Applied Engineering Research ISSN 0973-4562 Volume 11, Number 4 (2016), PP 2373-2378
- **K. Satya Rajesh , P.Suresh Varma " A Study on Quality Of Service (QOS) in Ubiquitous Wireless Sensor Networks",** International Research Journal of Engineering and Technology (IRJET) published in Jan 2016 Vol 3, Issue 1, e-ISSN: 2395 -0056, PP 446-449
- **K. Satya Rajesh , Md. Ali Hussain, T.V Suryanarayana " Reliable Data Transport in Platform-based WSN",** Recent Trends in Sensor Research & Technology(RTSRT) (STM Journals) published in May 2014 Vol 1, Issue 1, ISSN 2393-8765, PP 16-21.
- **K. Satya Rajesh , Md. Ali Hussain "Location Based Routing Protocols for Underwater Sensor Networks",** International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) published in Volume 2, Issue 2 March – April 2013 ISSN 2278-6856, PP 458-462.
- **K. Satya Rajesh , Md. Ali Hussain, T.V Suryanarayana and Abdul Ahad "Making DHCP viabale for Wireless Sensor Networks",** Advances in Wireless and Mobile Communications (Research India Publications) published in Mar 2013 ISSN 0973-6972 Vol 6, Number 1,PP(9-16)
- **K. Satya Rajesh , L. Sridhara Rao and Md. Ali Hussain "A Study on Black Whole Attack Against OLSR based MANETS",** International Journal of Computer Networking, Wireless and Mobile Communications (IJCNWMC) published in Vol. 3, Issue 1, Mar 2013, ISSN 2250-1568 PP 157-164
- **K. Satya Rajesh , Md. Ali Hussain, and Md. Abdul Ahad "A Study on Operating Systems for Wireless Sensor Networks",** International Journal of Computational Intelligence and Information Security (IJCIIS) November 2012 Vol. 3 No. 9, ISSN: 1837-7823, PP.32-36.
- **K. Satya Rajesh , Md. Ali Hussain, and Md. Abdul Ahad, "A Study of DBSCAN Algorithms for Spatial Data Clustering Techniques",** Intenational Journal of computer science and Technology, Vol.3 Nov 2012, ISSN : 0976 – 8491 (Online) and ISSN : 2229 – 4333 (Print), PP 191-193.
- **K. Satya Rajesh , Md. Ali Hussain, and Hussain Basha Pathan, "Time Series Identification Methodology in Low Level Named Wireless Sensors",** International Journal of Research and Reviews in Ad Hoc Networks (IJRRAN) Vol. 1, No. 1, March 2011, ISSN : 2046-5106, PP 34-37.

- **K. Satya Rajesh**, T.Chandra Sekhar Reddy and K. Chandra Sekhar Reddy, “**Self Healing Methodology in Mobility Sensor Networks**”, International Journal of Advances Computer Engineering and Architecture, Print Edition Vol 1, No.1 Jan-Jun 2011, ISSN : 2248-9452.
- **K. Satya Rajesh** , Md. Ali Hussain, and Hussain Basha Pathan, “**Use of Smart Antennas in Ad Hoc Networks**”, International Journal of Computer Science & Information Technology (IJCSIT), Vol.2 No.6 December 2010, ISSN : 0975-4660, PP.47-54.

16. Details of Research Papers Published in Conference(s) / Seminar(s) etc.

INTERNATIONAL CONFERENCE:

- K. Satya Rajesh, Md.Ali Hussain, and Hussain Basha Pathan, “**Networking Issues in Wireless Ad Hoc and Sensor Networks**”, International Conference on Mobile Internet Devices (ICMID-2010), Organised by Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad on 17th & 18th Dec' 2010 at Hyderabad International Convention Centre (HICC)At Hotel Novotel, Near HiTech City, Izzatnagar, Kondapur, Hyderabad, A.P., India.
- K. Satya Rajesh, Md.Ali Hussain, and Hussain Basha Pathan, “**Use of Smart Antennas in Ad Hoc Networks**”, International Conference on Computer Applications (ICCA-2010), Organised by Techno Forum Group, Pondicherry on 24-27 December 2010 at pondicherry, India.
- K. Satya Rajesh, Md.Ali Hussain, “ **Through Estimated Probability, Path Detetction Routing in Delay Tolerant & Network**”, IEEE International Conference on Advanced Research in Engineering and Technology, Organised by IEEE & KL University on 8th and 9th Feb 2013 at K L University Vaddeswaram, Guntur Dist on.
- K. Satya Rajesh, V. Uma Lakshmi , “ **A Study on Next Generation Networks with Li-Fi Technology**”, International Conference on Digital India The Information For All(ICDIA-2016), Organised by Department of Computer Science & Applications, on 2nd and 3rd Dec 2016 at KBN College, Vijayawada, Krishna Dist.

NATIONAL CONFERENCE:

- **K. Satya Rajesh**, T.Chandra Sekhar Reddy and K. Chandra Sekhar Reddy, “**Time Series Identification Methodology in Low Level Name Wireless Sensors** ”, National Conference on Entrepreneurship Organised by Anna University of Technology and Technoforum group, Pondicherry on 18th March 2011
- **K. Satya Rajesh**, Hussain Basha Pathan and V. Surendra Reddy, “**Security Analysis in Multi Homed Body Sensor Networks using Handover Strategies**”, National Conference on Signal Processing and Embedded Systems Applications sponsored by **AICTE & DRDO**, Organised by CMR College of Engineering & Technology, Hyderabad on 9th -10th July 2011.
- **K. Satya Rajesh**, T.Chandra Sekhar Reddy and K. Chandra Sekhar Reddy, “**Self Healing Methodology in Mobility Sensor Networks**”, National Conference on Impact of Information Technology on Rural India sponsored by **Computer Society & ISRO**, Organised by KBN College, Vijayawada on 8th july 2011
- **K.Satya Rajesh**, *Mohammed Ali Hussain, , **Energy-Efficient Multi-Hop Packet Transmission Using Green Modulation in Wireless Sensor Networks** ,National Conference on "Innovations in Computing*

Methodologies" (NCICM - 2011), organized by Department of Information Technology and Computer Science, Bharathiar University, Coimbatore, on December 16, 2011, Tamil Nadu, India.

- **K.Satya Rajesh, T.V Rambabu ,Innovative Practices in Education, Health, E-Governance and Urban Governance”, Two day workshop organized by Center for Innovation in Public Systems (CIPS) and Commissionerate of Collegiate Education, Andhra Pradesh on 26th & 27th July 2013at Vijayawada**

17. Details of Books / Chapter in Book(s) Published :

Title	Status of Authorship*	Publisher	Year of Publication	ISBN
WEB PROGRAMMING	First Author	SHREE PUBLISHING HOUSE, India	First Edition 2019	978-93-88196-11-6
DATA WAREHOUSING AND MINING FOR BEGINNERS	First Author	Walnut Publications	16 August 2018	978-8193856833
WEB TECHNOLOGY	First Author	Himalaya Publications, India	2018	978-93-5273-379-8
COMPUTER FUNDAMENTALS & PHOTOSHOP	First Author	Himalaya Publications India	2016	978-93-5262-301-3

* Sole author, joint author, third author, fourth author etc., editor, joint editor, member of the editorial board and such other.

18. Seminars / Workshops:

Number of Seminars / Conferences organized	Number of Workshops organized	Number of Seminars / Conferences chaired	Number of Seminar / Conference papers presented	Number of Seminars / Conferences attended	Number of Workshops attended
6	5	1			

WORKSHOP/SEMINAR ATTENDED/CONDUCTED:

- Organized workshop on "COMPUTATIONAL PHYSICS" on 24th Feb,2016 in SRR & CVR Govt. Degree College, Vijayawada.
- One day National Workshop "Integral Economic Thought - Humanism" on 14th July 2016 in SRR & CVR Govt. Degree College, Vijayawada.
- One day State Level Seminar "Molecular & Bio-Chemical Insights In Aquaculture" on 19th July 2016 in SRR & CVR Govt. Degree College, Vijayawada.
- A Two Day National workshop on "BIG DATA ANALYTICS" on 22nd & 23rd July, 2016 in Andhra Loyola Institute of Engineering and Technology, Vijayawada.

- Organized National Seminar on "**SOLID WASTE MANAGEMENT**" on 16th and 17th Sept. 2016 in SRR & CVR Govt. Degree College, Vijayawada.
- National workshop on "**AMARAVATHI THE NEW CAPITAL OF A.P - VISION & MISSIONS**" on 27th & 28th Sept, 2016 in SRR & CVR Govt. Degree College, Vijayawada.
- One day National Seminar on "**Materials Science and Technology**" on 19th Nov, 2016 in VR Siddhartha Engineering College, Vijayawada
- A Two Day National Seminar on "**Advances, Breakthrough, Challenges, Developments in Foodomics - 2016**" on 10th and 11th Nov, 2016 in "Government College" Rajahmundry.
- A Two Day National Seminar on "**Improving the Quality of Education by Effective use of Information and Communication Technology**" on 20th and 21th Dec, 2016 organized by Department of Computer Science, Government College, Guntur, ISBN NO: 978-93-85132-12-4.
- National Seminar on "**Assistive Technology For The Visually Challenged** " on 31st Dec, 2016 organized by Dept. of Public Admn, Political Science & Telugu, SRR & CVR Govt. Degree College, Vijayawada

JUDGE/CHAIRPERSONS:

- Acted as a judge in "42nd Jawaharlal Nehru National Science Mathematics and Environment Exhibition - 2014" at KBN College, Vijayawada, Krishna Dist. on 14-11-2014 to 16-11-2014.

19. List of RC / OC Attended

S.NO	Name of the Course	Attended Date		Conducted by
		From	To	
1	OC	19 th Jan 2013	15 th Feb 2013	Andhra University, VSP
2	RC	2 nd Feb 2017	22 nd Feb 2017	Central University, HYD

20. Awards:

- Received an award on the name of "**Dr. A.P.J. Abdul Kalam Life Time Achievement National Award**", IRDP Group of Journals, Chennai on 30th May 2018.
- Received an award on the name of "**Best Researcher Award**", International Research Awards for Next Generation, New Delhi on 12th Jan 2019
- Received an award on the name of "**Best Researcher Award**", DK International Research Foundation, Perambalur, Tamilnadu on 29th Dec 2019

21. Membership to Professional Bodies:

INTERNATIONAL JOURNAL REVIEW MEMBER:

- Technical Review Member for International Journal of Research and Reviews in Ad hoc Networks (IJRRAN).
- Technical Review Member for International Journal of Computer Science and Information Technology (IJCSIT)
- Technical Review Member for International Journal of Computer Trends and Technology (IJCTT).

PROFESSIONAL MEMBERSHIPS

- Senior Member of **International Association of Computer Science and Information Technology (IACSIT)**
- Senior Member of **International Association of Engineers and Scientists (IAEST)**
- Member of **Seventh Sense Research Group Journals (SSRGJ)**
- Member of **I-Xplore International Research Journal Consortium (IIRJC).**
- Member of **Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (ICST)**
- Member of **Computer Society Teachers Association (CSTA)**
- Member of **International Association of Engineers(IAENG)**
- Member of **Universal Association of Computer & Electronics Engineers (UACE).**
- Member of **World Academy of Science, Engineering and Technology (WASET).**
- Member of **Computer Society of India (CSI)**

EDITORIAL BOARD MEMBER:

- **Editorial Board Member** of i-Xplore International Research Journals Consortium (IIRJC)
- **International Scientific Committee & Editorial Review Board on Computer and Information Engineering**
- **Editorial Board Member** of SSRG International Journal of Electronics and Communication Engineering(SSRG-IJECE)
- **Editorial Board Member** of International Research Journal of Engineering, IT & Scientific Research
- **Editorial Board Member** of International Research Journal of Engineering, IT & Scientific Research
- **Editorial Board Member** of International Journal of Computer Networking, Wireless and Mobile Communication(IJCNWMC)
- **Editorial Board Member** of International Journal of Computer Trends and Technology (IJCTT)

22. Departmental Responsibilities:

Institute	Year	Responsibility	Important contribution
SRR & CVR Govt. Degree College	2013-2017	HOD of Computer Science	Maintenance of All activities done by the Dept.
SRR & CVR Govt. Degree College	2013-2017	HLC - Coordinator of All common entrance test conducted by Govt. of AP	Maintenance Counsellings
Vikas College of Engg & Technology	2010-2012	Incharge of Computer Science & Engg.	Maintenance of All activities done by the Dept. & Conducted Internal Examinations

23. Number of PhD's / M Phil guided :

- a) Ph. D candidates successfully guided and awarded : 01
- b) Ph.D candidates enrolled and guiding presently :
- c) Ph.D candidates guided and awarded :

Signature of the Candidate