

Profile

(<https://sites.google.com/view/profvkirankumar>)

Name : Dr V.Kiran Kumar
Designation : Professor
Department : Computer Science & Technology



Qualifications

- Ph.D., TBL2RDF: A Tool to translate HTML Tabular data into Resource Description Framework Schema, Acharya Nagarjuna University, Guntur, Andhra Pradesh (2013)
- M.Sc., (Computer Science) from Acharya Nagarjuna University, 1996-98 (First Class)
- State Level Eligibility Test (SLET) Qualified in January 2000.

Present additional responsibilities

- Registrar I/c, Dravidian University (20th July 2024 – Till date)
- Chairman, Board of Studies, Dravidian University (2022-Till date)
- Nodal Officer, e-Office (June 2022 – Till date)
- RUSA Coordinator (March 2021- Till date)
- Computer Centre In-charge, Dravidian University (2019-Till date)

Previous additional responsibilities

- Central Purchase Committee (CPC) Member, Dravidian University (2006 & 2014-2020, 2023-Till Date)
- Head, Department of Computer Science, Dravidian University (2018-20, 2021-2024)
- Head I/c, Department of Mathematics and Statistics, Dravidian University (2016-2018, 2023- 2024)
- Nodal Officer (Statistical Cell), Dravidian University (2012, 2014, 2015-2022)
- APSSDC, SPOC Member for Dravidian University (2019-2022)
- Higher Education Information Security Audit In charge (2020-2022)
- Digital India Week Co-coordinator, Dravidian University (2015)
- NAAC Steering Committee Member, Dravidian University (2014)
- In-Charge for Computer Centre, Dravidian University (2012)
- In-Charge for University Website, Dravidian University (2012)
- Chief Mentor, RRRDC, Dravidian University (2007)
- Deputy Warden for Men's Hostel, Dravidian University (2005-07)

Courses (Subjects or Papers) taught

- Programming in C, C++, Object Oriented Programming through Java, Data Structures, Operating Systems, Computer Networks, Advanced Java, Database Management Systems, Web Technologies, Computer Organization

Areas of Interest in teaching and research

- Semantic Web
- Web Technologies
- Machine Learning

Experience

- Working as Professor, Department of Computer Science (Since July 2019)
- Worked as an Associate Professor, Dravidian University (July 2016-2019)
- Worked as an Assistant Professor, Dravidian University (July 2003-2016)
- Worked as a Lecturer for UG courses in SKVT Degree College, Rajahmundry (1998-2003)
- Worked as a Lecturer for PG courses in Rajiv Gandhi PG College, Rajahmundry (99-2003)

Papers Presented at Conferences

National

- Paper entitled “Comparative study of keyword and semantic search engines”, presented at National Conference on Information and Communication Technologies (NCICT-2015), Dravidian University, Kuppam during 26-27th March 2015.
- Paper entitled “A Study on automatic extraction of web data”, presented at National seminar on “Research Challenges and Issues in Big Data and Cloud Computing (NSRCIBC-2015)”, Dept of Computer Science, Yogi Vemana University, Kadapa during 27-28th March 2015
- Paper entitled “Comparative Study of online free tools for Anti-Plagiarism“ presented at National Conference on “Emerging Trends in Scholarly Communication in the Information Literate Society (NCETSC-2015)”, Dravidian University on 19-20th March 2015
- Paper entitled “Semantic Social Web - A review”, presented at National Conference on Recent Trends in Web Sciences (NCRTWS-2014), Dravidian University, Kuppam during 14-15th March 2014.
- Paper entitled “Semantic Web Technologies for Digital Libraries”, presented at National Conference on “Lead the Change: Innovative Information Professionals in the Digital Age” (NCLC-2014), Dravidian University, Kuppam during 07-08th March 2014.
- Paper entitled “Semantic Web Services – A review”, presented at National seminar on “Research Trends in Digital Image Processing and Applications”, Dept of Computer Science, Yogi Vemana University, Kadapa during 17-18th February 2014
- Paper entitled “Next Generation Applications in Semantic Web”, presented at National Conference NCAC-2013, Annamacharya Institute of Engineering College, Rajampeta during 29-30th of Jan 2014

- Paper entitled “A Study of Semantic Web Technologies”, presented at National Conference NCAC-2013, Annamacharya Institute of Engineering College, Rajampeta during 29-30th of Jan 2014

International

- Paper entitled “Extraction of FOAF metadata from Web: An Analysis”, presented at International Conference on “Internet of Things & Cloud Computing”, Hotel Changi Village, Singapore during 14-15th April 2016
- Paper entitled “Connecting people on Semantic Web: A Case Study of FOAF Vocabulary”, presented at International Conference on “Internet of Things & Cloud Computing”, Hotel Changi Village, Singapore during 14-15th April 2016
- Paper entitled “Performance Modeling of AODV, DSDV, DSR & TORA Routing Protocols using NS-2 & NS-3”, presented at International Conference on Advanced Material Technologies (ICAMT-2016) organized by Dadi Institute of Engineering & Technology, Visakhapatnam during 27-28th December 2016.
- Paper entitled “Social Web and Semantic Web”, presented at International Conference on Big Data Analysis and Distributed Systems, Periyar University College of Arts and Science, Pennagram, Dharmapuri on 12th September 2014.
- Paper entitled “Semantic Extension of Syntactic table data”, presented at International Conference ICWS-2009, KL College of Engineering, Vaddeswaram during 10th -11th of Jan-09.
- Paper entitled “Resource Description Framework: A small case study on Educational Domain” ” presented at International Conference on Statistics, OR and IT held at Tirupati during 7th – 9th of Jan-07.

Papers Published in International Journals / Chapters in Books

(Citations – 20, h-index-3, Cumulative IF : 43.3743, Avg IF of Journals = 2.8916, ORCID: 0000-0003-4405-2155)

International

- Elqui Yeye Pari-Condori, Ganga Rama Koteswara Rao, Rasheed Abdulkader, V Kiran Kumar, Josephine Pon Gloria Jeyaraj and Estela Quispe-Ramo, “Enhancing Renewable Energy Storage Conversion Efficiency Using ERFE With FFNN”, Published in Journal of Machine and Computing, Volume-4, Issue-1, Jan 2024, DOI: <https://doi.org/10.53759/7669/jmc202404005> (Scopus Indexed)
- E Nayer Tumi-Figueroa, A Vishnu Priya, Selvanayaki Kolandapalayam Shanmugam, V Kiran Kumar, Sudhakar Sengan, C. Alexandra Melgarejo-Bolivar, “Adaptive Approach to Anomaly Detection in Internet of Things Using Autoencoders and Dynamic Thresholds”, published in Journal of Machine and Computing, Volume-4, Issue-1, Jan 2024, DOI: <https://doi.org/10.53759/7669/jmc202404001> (Scopus Indexed)

- VB Ganapathy, V.Kiran Kumar, “ An Analysis of the Level of Satisfaction of Students towards user friendly of government portal”, published in Communication and Management Journal m ISSN: 2269-7195, vol-8, Issue-12, December 2023 ([CMJ - 3320 F.pdf - Google Drive](#)) SCOPUS Indexed
- VB Ganapathy, V.Kiran Kumar, “ ICT, Innovation and Public Management : Governane, Models Alternatives for E-Government Infrastructures”, published in Communication and Management Journal m ISSN: 2269-7195, vol-8, Issue-12, December 2023 ([CMJ - 3320 F.pdf - Google Drive](#)) SCOPUS Indexed
- N Venkata Ramana Guptha, B.N.Kalavathi, V.Kiran Kumar, “ Privacy enhanced key management protocol for handling remote data using deep learning and evolutionary models”, Published in International Journal of Health Sciences, ISSN:2550-6978, Vol-5, Number-1, April 2021 (<https://doi.org/10.53730/ijhs.v6nS5.11381>) (Scopus Indexed)
- D.Ramya, Dr V.Kiran Kumar, “A Simple Semantic Web Crawler for Intelligent information retrieval from Academic Websites”, Published in International Journal of Innovative technology and exploring engineering (IJITEE), ISSN:2278-3025, Vol-9, Issue-4, February 2020, DOI:10.35940/ijitee.D2085.029420 (**Scopus Indexed**) (IF:1.0)
- D.Ramya, Dr V.Kiran Kumar, “Web Mining Tools and their techniques”, Paper is accepted for publications and is under review by International Journal of Recent Technology and Engineering, ISSN:2277-3878 (**Scopus Indexed**)
- D.Ramya, V.Kiran Kumar, “Ontology Editing Tools: A Comparative Perspective”, International Journals of Computer Science and Engineering (ISSN:2347-2693), Vol-6, Issue-5, May 2018. (**UGC Approved Journal No: 63193 till 2019**) (IF:3.802), <https://doi.org/10.26438/ijcse/v6i5.664667>
- A.Orugonda, Dr. V.Kiran Kumar, “An Accomplished Energy-aware Approach for Server Load Balancing in Cloud Computing”, Recent Patents on Computer Science ISSN: 2666-2566 (Online) ISSN: 2666-2558 (Print), **Volume 13 , Issue 6 , 2020**, DOI : [10.2174/2666255813666191125140638](https://doi.org/10.2174/2666255813666191125140638) (**Scopus Indexed**), **Publisher : Benthem Science**
- A.Orugonda, Dr. V.Kiran Kumar, “Energy Organized Scheduled Virtual Machine Resource Distributional Cloud Data Centres”, International Journal of Computer Sciences and Engineering (ISSN: 2347-2693), Volume 6, Issue 7 July 2018 (**UGC Approved Journal No: 63193**) (IF:3.802) DOI : <https://doi.org/10.26438/ijcse/v6i7.809813>, PP:809-813
- A.Orugonda, Dr. V.Kiran Kumar, “A New Approach for the Betterment in Energy-Aware VM Scheduling”, IOSR- Journal of Computers and Engineering, 2017 (ISSN: 2278-8727), Volume 19, Issue 3 (May-June. 2017), PP [53-60] (IF:1.686), DOI: [10.9790/0661-1903065360](https://doi.org/10.9790/0661-1903065360)
- V.Kiran Kumar, E.Hari Prasad, “Implementation of Meta Data Storage using Fragmentation method for more security in the cloud”, International Journal of Computer Sciences and Engineering, ISSN:2347-2693, Vol-7,Issue-1, Jan 2019 (**UGC Approved Journal No: 63193**) (IF:3.802), <https://doi.org/10.26438/ijcse/v7i1.720723>

- V.Kiran Kumar, E.Hari Prasad, “Proposed Model for ensuring more security in cloud by data fragmentation method”, International Journal of Computer Sciences and Engineering, ISSN:2347-2693, Vol-6,Issue-11, Nov 2018 (**UGC Approved Journal No: 63193**) (IF:3.802), PP:391-394, CrossRef-DOI: <https://doi.org/10.26438/ijcse/v6i11.391394>
- V.Kiran Kumar, E.Hari Prasad, “ Analysis of security as a service in cloud computing: a review”, International Research Journal of Management Sociology & Humanities, ISSN:2277-9809, Vol.18, Issue:11, Year:2017 (IF:7.1893), DOI: <https://doi.org/10.32804/IRJMSH>, download: www.IRJMSH.com-Analysis of security as a service in cloud computing: a Review -by - Dr. V.Kiran Kumar , E. Hari Prasad, PP:119-127
- B.J.Karuna Sagar, V.Kiran Kumar, “Mobile Ad-hoc Networks with Bandwidth-efficient routing Protocol”, Universal Review, ISSN: 2277-2723, Volume-VIII, Issue V, May 2019, Page Nos: 436-444
- B.J.Karuna Sagar, V.Kiran Kumar, “Advanced Prediction Based System for Mobile Adhoc Networks for controlling bandwidth and cost reduction”, JETIR, November 2018, Volume 5, Issue 11, ISSN:2349-5162, **UGC Approved Journal No 63975** (IF:7.95), PP:429-434, Download: <https://www.jetir.org/papers/JETIR1811567.pdf>
- B.J.Karuna Sagar, V.Kiran Kumar, “Dynamic Routing through integrity and delay differentiated routing to control energy consumption and attacks”, SSRG International Journals of Computer Science and Engineering (SSRG-IJCSE)- Special Issue September 2018. Download: [Dynamic Routing Through Integrity and Delay Differentiated Routing toControl Energy Consumption and Attacks \(internationaljournalsssrg.org\)](http://internationaljournalsssrg.org)
- Dr V.Kiran Kumar, “Extraction of FOAF metadata from Web: An Analysis”, International Journal of Information Technology & Computer Science (IJITCS), (ISSN : 2091 - 1610) Vol.24, Issue No.1, Pages 70-75, IF = 1.850
- Dr V.Kiran Kumar, “Connecting People on Semantic Web : A Case Study of FOAF Vocabulary”, International Journal of Information Technology & Computer Science (IJITCS), (ISSN : 2091 - 1610) Vol.24, Issue No.1, Pages 1-6, IF = 1.850
- Dr V.Kiran Kumar “Semantic Web approach towards Interoperability and Privacy issues in Social Networks”, International Journal of Web Service Computing (IJWSC), (ISSN: 0976-9811) Vol.5, No.3, September-2014, DOI : 10.5121/ijwsc.2014.5302 (**No of Citations = 1**), Download: <https://airccse.org/journal/jwsc/papers/5314ijwsc02.pdf>
- V.B.Ganapathi, Dr V.Kiran Kumar, “e-Governance : Concepts and Applications”, International Journal of Computer Science (IJCS), (ISSN : 2321-5992), Vol.2, Issue-8, August-2014 (IF: 1.328),
- V.B.Ganapathi, Dr V.Kiran Kumar, “Strategies for e-Governance”, International Journal of Innovative Research in Science, Engineering and Technology (IJRSET), (ISSN: 2319-8753), Vol.3, Issue-8, August-2014 [460-463] (IF:1.682) DOI: [10.15680/IJRSET.2014.0308054](https://doi.org/10.15680/IJRSET.2014.0308054), Download : https://www.ijrset.com/upload/2014/august/53_Strategies.pdf

- Dr V.Kiran Kumar, S.Muralimohan, “Semantic Web approach towards E-Commerce”, International Journal of Advanced Computer Research (IJACR) (ISSN: 2277-7970), Volume-3, Number-4, Issue-13, December-2013) [239-244] (IF:1.863), <https://accentsjournals.org/PaperDirectory/Journal/IJACR/2013/12/35.pdf>, PP:236-241
- Dr. V.Kiran Kumar, “Towards Web 3.0: An Application oriented approach”, IOSR-Journal of Computers and Engineering, 2013 (ISSN: 2278-8727), Volume 15, Issue 5(Nov. -Dec. 2013), PP [50-53] (IF:1.686) - DOI (Digital Object Identifier) number is **10.9790/0661-1555053** (No of Citations = 3) **Download:** <https://www.iosrjournals.org/iosr-jce/papers/Vol15-issue5/I01555053.pdf>
- V.Kiran Kumar and K.Rajasekhara Rao, “HTML Parser to extract Tabular data into a two dimensional string array”, International Journal of Emerging Technology and Advanced Engineering, (ISSN 2250-2459), Volume 2, Issue 3, March 2012, [360-363] (IF: 1.932) , Article No:60, https://www.ijetae.com/files/Volume2Issue3/IJETAE_0312_60.pdf
- V.Kiran Kumar and K.Rajasekhara Rao, “TBL2RDF: Html Table To Rdf Translator”, International journal of Web Applications, 2009, (ISSN: 0974-7710), Volume 1, Issue 1, March 2009, PP [20-28] (No of Citations = 2), <https://dline.info/ijwa/fulltext/v1n103.pdf>
- V.Kiran Kumar and K.Rajasekhara Rao, “Semantic Extension of Syntactic table data”, International journal of Systems and Technologies, (ISSN: 0974-2107), Volume 2, Issue 1, March 2009, PP [71-79] (No of Citations = 2)

Papers Published in Conference Proceedings with ISBN

- Dr V.Kiran Kumar, “Knowledge representation technologies using Semantic Web”, Published a Chapter in an International Book of “Web Data Mining and the Development of Knowledge-based Decision Support Systems” published by IGI Global (Indexed by Thomas Reuters) DOI: 10.4018/978-1-5225-1877-8.ch009, [Knowledge Representation Technologies Using Semantic Web: Computer Science & IT Book Chapter | IGI Global \(igi-global.com\)](http://www.igi-global.com/igi-global.com/Knowledge-Representation-Technologies-Using-Semantic-Web-Computer-Science-IT-Book-Chapter),
- Dr V.Kiran Kumar, “Semantic Web Technologies for Digital Libraries”, published in Conference Proceedings during National Conference on “Lead the Change: Innovative Information Professionals in the Digital Age” (NCLC-2014), Dravidian University, Kuppam during 07-08th March 2014.
- Dr V.Kiran Kumar, A.J.Rajasekhar, “A Study of Semantic Web Technologies”, published in International Journal of Communications And Engineering (IJCAE), ISSN No:0988-0341E, Special Issue, December 2013
- Dr V.Kiran Kumar “Next Generation Applications in Semantic Web”, published in International Journal of Communications And Engineering (IJCAE), ISSN No:0988-0341E, Special Issue, December 2013

Conferences / Seminars / Workshops Organized

- Conducted a Two-day UGC Sponsored National Level Conference on “Recent Trends in Web Sciences” in Dravidian University during 14-15th March 2014.
- Conducted a Two-day UGC Sponsored National Level Conference on “Information and Communication Technologies” in Dravidian University during 26-27th March 2015
- Conducted a Three-day Workshop on “Google Android Development” in association with APSSDC during 4-6th November 2019.
- Conducted One Week Workshop on “Problem solving and programming in Python” in association with APSSDC during 27th Jan – 01st Feb 2020

Books Published / Edited

- Published as Editor, Proceedings of “Recent Trends in Web Sciences” conducted during 14-15th March 2014 with ISBN No: 978-93-82829-99-7
- Published as Editor, Proceedings of “Information and Communication Technologies” conducted during 26-27th March 2015 with ISBN No:978-93-84935-33-7
- Published as Author, “Computer Fundamentals and Photoshop”, Spectrum University Press, Hyderabad (First Edition-2018) with ISBN:978-93-83640-54-6

Research Projects

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Nil

Training / In-service / Refresher etc.,

- Attended One Week workshop on “Practicing Cloud Computing with AWS” by Department of CS&IT and CSE, K L Deemed to be University during 16-21st August 2021.
- Attended Three Day Online Faculty Development Programme on “E-Learning Management System” by Yogi Vemana University, Kadapa during 29th June to 1st July 2020.
- Attended One week workshop on “Data Analytics with R” conducted by DADI Engineering College in association with NIT Warangal during 30-4th November 2017
- Attended Three day workshop on “e-Learning Technologies” conducted by Andhra University during 28-30th June 2016.

- Attended two day workshop on “NKN at the core of Cyber Space” conducted at JNTU, Hyderabad during 21-22nd January 2016.
- Attended Refresher Course on “Disaster Management” conducted by Maulana Azad National Urdu University, Hyderabad during 19th August to 8th September 2015
- Attended Refresher course in Information Technology conducted by Kannur University, Kerala during March 16th to April 5th 2012.
- Attended Orientation program conducted by S.V.University, Tirupati during May 5-30, 2009

Membership in Professional Bodies

- Review Board Member for International Journal of Research in Engineering and Technology e-ISSN: 2319-1163.
- Acted as a reviewer for ICCTIM2014 (International Conference on Computing Technology and Information Management, Dubai, April 10-12, 2014
- Editorial Board Member for International Journal of Advanced Computing Research (IJACR), ISSN: 2277-7970
- Editorial Board Member for Spectrum Publications and Student Help Line Publications, Hyderabad, 2014
- Senior Member of IACSIT (International Association of Computer Science and Information Technology) – No.80349617
- Editorial Board Member for International Journal of Advanced Technology and Engineering Exploration (IJATEE)

Guest / Expert Lectures delivered - Nil

Guiding Research Scholars

S.No	Name of the Candidate	M.Phil / Ph.D	Date of Registration	Remarks
1	V.B.Ganapathy	Ph.D.,	Jan 2015	Awarded (July 2024)
2	D.Ramya (Semantic Web based information extraction: A Novel approach on University Domain)	Ph.D.,	April 2016	Awarded (May 2020)
3	O.Alekya (An Intensity Exertion Scheme for virtual instrument placement in Cloud Organized Data Centers)	Ph.D.,	April 2016	Awarded (Feb 2021)
4	B.J.Job Karuna Sagar (Proposing an algorithm with efficient bandwidth framework to enhance performance for Node Transition Probability Protocol)	Ph.D.,	April 2016	Awarded (Jan 2021)
5	E.Hari Prasad	M.Phil.,	April 2016	Awarded (Dec 2019)
6	Y.Koteswara Rao	Ph.D.,	Nov 2022	Pursuing
7	Khadir Alisha	Ph.D	2023	
8	B Supraja	Ph.D	August 2022	
9	Mohd Sirajul Huque	Ph.D	Nov 2022	

Patents published / awarded

- Nil

Visiting other Institutions / Others

- Acted as a Chief Guest for PRAJURIT-2016 organized by CSE department, Kuppam Engineering College on 23rd February 2016.
- Acted as Session Chair for 4th International Conference on Smart Technologies in Data Science and Communication, organized by KL University, 17-19th Feb 2021
- Acted as Selection Committee Member for ratification of teachers in CSE department of KL Deemed to be University from 13-15th September 2021.

Signature of the Teacher with date