

# Dr.Sonawane Vijay R [M.Tech, PhD (CSE)]



## Contact Information

Ashadeep Society, Khandemala, Sawatanagar, Nashik -422008, Maharashtra, India.  
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## Academic Position

AssociateProfessor and HoD IT Department.

## Honors

- Worked as NAAC Coordinator.
- Qualified in GATE.
- Stood First in National Conference RTCE Paper Presentation at Sinhgad College of Engineering, PUNE-41.
- Scopus Indexed publications.

## Professional Exposure

- 16.6 years of teachingexperience.
- Worked as Dean-Academics and NAAC coordinator.
- Worked as Academic Research Coordinator for SPPU.
- Worked as ISO-MR.
- Presented/Published Research Papers in many Conferences /Journals.
- Worked as Project coordinator.
- Worked as PG Teacher.

## Academic Qualifications

**PhD .,Computer Science and EngineeringJune -2017**  
Department of Computer Science and Engineering,  
**K.L.University (Deemed University), Vijayawada, AP.**

- Guide : Dr.D.Rajeswara Rao
- Area of Study: Web Data Engineering.

**M.Tech., Computer Science and Technology June-2011**  
Department of Computer Science and Technology,  
**Shivaji University Kolhapur, Maharashtra.**

- Guide :Prof.P.P.Halkarnikar
- Area of Study: Web Mining.
- Division: First Class (62.60 %)

**BE., Information Technology,**  
**D.N.Patel College of Engineering Shahada.**

- Division: Distinction (67.21 %)

**May - 2005**

## Work Experience

Sr. No	Name of the Employer	Position	Duration
1.	NDMVP's K.B.T College of Engineering, Nashik	Associate Professor	June 2017To Till Date
2.	SND College of Engineering and Research Centre, Yeola	Assistant Professor	Dec 2015To May 2017

3.	Sandip Institute of Tech. & Research Centre, Nashik	Assistant Professor	June 2013 To Dec 2015
4.	Amrutvahini College of Engineering, Sangamner	Assistant Professor	June 2009 To June 2013
5.	TKIET College of Engineering, Warananagar, Kolhapur	Lecturer	July2007 To June.2009
6.	SRES College of Engineering, Kopargaon	Lecturer	Aug 2005 To July.2007

**Grant Fetched/ Proposal Submitted:**

- Grant received of Rs.200000/- for project “Automation of Model-Based Regression Testing” from BCUD SPPU in AY.2013-14.
- Fetched grant for designing Virtual Class room in AVCOE from BCUD pune.

**Appreciation**

- Contributed at Jury Member in 4<sup>th</sup> level National level Project competition 2020 organized by Computer Society of India (CSI) in association with Digital Impact Square (DISQ) Nashik.
- Contributed as Reviewer for 8<sup>th</sup> Post graduate Conference of Computer Engineering (cPGCON -2019) held on 3<sup>rd</sup> – 4<sup>th</sup> April 2019 at Dr.D.Y.Patil Institute of Technology, Pimpri, Pune.
- Contributed as Reviewer for IEEE Sponsored International Conference on on Computing in Engineering and Technology (ICCET) -2019 held at Department of E&TC Engineering, Dr. BATU, Lonere and DIEMS, Aurangabad, India during 09th to 11<sup>th</sup> January 2019 under the aegis of TEQIP-III.
- Contributed at Jury Member in 3<sup>rd</sup> level National level Project competition 2019 organized by Computer Society of India (CSI) in association with Digital Impact Square (DISQ) Nashik.
- Contributed as Reviewer for IEEE Sponsored International Conference on Advances in Communication and Computing Technology-2018 (ICACCT) held at Amrutvahini College of Engineering, Sangamner, Maharashtra, India on 8 -9 February, 2018.
- Contributed as subject chairman for syllabus & paper setting for the subject Information storage and Retrieval in associate with SPPU BOS, IT.
- Contributed as subject coordinator for syllabus setting and faculty orientation program for the subject Web application development (Te-2019) in associate with SPPU BOS, IT.

**Professional Membership:**

- Computer Society of India.
- ISTE
- Institute of Engineers India - AM 098087-3.
- Computer Society of India – F8000166.
- International Association of Engineers (IAENG) – 147775.

**Publications: Journals**

- [1] Vijay R.Sonawane, T.S.Pawar, A Survey on Mining Cryptocurrencies, Recent Trends in Intensive Computing, IoS Press, Volume -39, DOI: 10.3233/APC210212, pp. 329 -

- [2] Vijay R. Sonawane et al, Managing Multiversion XML Documents with Compressed Delta” International Journal of Innovative Technology and Exploring Engineering’ 9(3), pp. , 2020.
- [3] Vijay Sonawane et al, IoT based campus automation, International Journal of Scientific Research and Engineering Development- Volume2 Issue 6, Nov-Dec 2019.
- [4] V.R.Sonawane, D.R.Rao. A Comparative Study: Change Detection and Querying Dynamic XML Documents in International Journal of Electrical and Computer Engineering, Vol.5, No.4. August 2015, pp.840-848.
- [5] V.R.Sonawane, D.R.Rao. An Optimistic Approach for Clustering Multi-version XML Documents Using Compressed Delta in International Journal of Electrical and Computer Engineering, Vol.5, No.4. December 2015, pp.1472-1479.
- [6] V.R.Sonawane, D.R.Rao. XML Document Management Tools Survey in Elixir International Journal, Vol-82 May 2015. pp.32684-32687.
- [7] V.R.Sonawane, D.R.Rao. HCMX: An Efficient Hybrid Clustering Approach for Multi-Version XML Documents in Journal of Theoretical and Applied Information Technology, Vol.82, No.1. December 2015. Pp.137-142.
- [8] V.R.Sonawane, NishadhGite, Accident detection system: survey and analysis, Elixir International Journal, October 2014. Pp: 27775 -27778
- [9] V.R.Sonawane, Paranjalisalunkhe ,SnehalRokade ,ChetanaKasar, Plagiarism Detection System ,International Journal of Advances in Management, Technology & Engineering Sciences ,ISSN:2249-7455 Vol.II, Issue 5(III),Feb 2013.pp 70-72.
- [10] V.R. Sonawane, Dr.D.R.Rao XML document Mining, International Journal of Research In Computer Engineering And Electronics, ISSN 2319-376X, Vol 2 : ISSUE 2, April-2013.
- [11] V.R.Sonawane, AbhishekIdnani, Himika Patel, Cloud Compiler Based on Android, International Journal of Science and Research, ISSN: 2319-7064, April 2013, pp. 433-437.
- [12] V.R Sonawane, Ratnaparkhi P.S, Patil S.S Generalizing the term  $\tau$ XSchema In addition with temporal Constraint to XML Schema , International Journal of Innovative Research in Science, Engineering and Technology , ISSN: 2319-8753 Vol. 2, Issue 4, March 2013.
- [13] V.R. Sonawane, Rahinj K.S, A New Data Anonymization Technique used For Membership Disclosure Protection, International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319-8753 Vol. 2, Issue 4, March 2013.
- [14] V.R. Sonawane, S.S.Patil, P.S.Ratnaparkhi, Modeling Secure XML Data Warehouses International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319-8753,Vol 2, Issue 4, Pp. 1153-1157.
- [15] V.R.Sonawane, KanchanRahinj, A new Data Anonymization Technique used for Membership Disclosure Protection, International Journal of Innovative Research in Science, Engineering and Technology, ISSN : 2319-8753, Vol 2, Issue 4, April 2013, Pp- 1230-1233.
- [16] V.R.Sonawane, ShailaTambe, Extracting Interesting Knowledge from Versions of Dynamic XML Documents, International Journal of Research in Engineering and Technology. ISSN: 2319-1163, Vol 2, Issue 4, Apr 2013, Pp. 615-618.
- [17] V.R.Sonawane, P.P.Halkarnikar, Extracting Product from E-Commercial Web Site using Entropy Estimation, International Journal of Information Retrieval, ISSN: 0974-6285 Vol. 2, Suppl. Issue 1, 2009, pp. 51-55.
- [18] V.R.Sonawane, Searching Web Page Using Entropy Estimation CIIT International Journal Coimbatore, December, 2009

## Conferences

- [1] V.R.Sonawane , K.G.Kharade, S.V.Katkar, Text Summarization of an Article Extracted from Wikipedia Using NLTK Library, Springer International Conference on Advances in Computing and Data Sciences – (ICACDS-2021).
- [2] V.R.Sonawane, D.R.Rao. Multiversion XML Documents Cluster Re-Evaluation with Compressed Delta in National Conference on Big Data Analytics and Its Applications, ISBN:978-93-85818-85-1, March 2016. Pp.1-6.
- [3] V.R.Sonawane, PoojaNunse, Visual Monitoring of Servers using Simple Network Management Protocol, 7th IEEE International Conference on Computational Intelligence and Communication Networks (CICN 2015), December 2015.
- [4] V.R.Sonawane, KagalGarud, Secure Query Processing using OpensourceGmapof Api, 7th IEEE International Conference on Computational Intelligence and Communication Networks (CICN 2015), December 2015.
- [5] V.R.Sonawane, Shitalthakare, Internet of Thing Based Home Appliances Control, 7th IEEE International Conference on Computational Intelligence and Communication Networks (CICN 2015), December 2015.
- [6] Vijay R.Sonawane, P.P.Halkarnikar, Web site mining using entropy estimation, IEEE International conference on Data storage and Data Engineering 2010 , Bangalore.
- [7] Vijay R. Sonawane, P.P.Halkarnikar, Collaborative Web Data Extraction With Entropy and Association Rule, Second National conference RTCE'09 at Sinhgad College of Engineering, PUNE-41.

## Outreach Activities

### Workshops

- [1] One Week National Level Faculty Development Program (FDP) On “Essentials of Data Science, at R H Sapat College of Engineering, Management Studies & Research 27th July - 31st July 2021.
- [2] Participated in mini conference on “Enhancing quality and Driving change in Higher & technical education through NEP -2020” at Thakur college of Engineering, Mumbai 27 April 2021.
- [3] One Week Online Faculty Development Program on “Moodle Learning Management System” at Sinhgad College of Engineering, Vadgaon (Bk), Pune on may 2020.
- [4] One day Workshop on” R” at NDMVPS KBT COE, Nashik on 09 November 2019 organised by the Teaching Learning Centre, ICT at IIT Bombay.
- [5] 3 days “Faculty Development Program for Student Induction (FDP-SI)” at NDMVPS KBT COE, Nashik on 9<sup>th</sup> August to 11<sup>th</sup> August 2019 organized AICTE.
- [6] 2 days FDP on “ICT Based Innovative Teaching learning Pedagogical Methods” at NDMVPS KBT COE, Nashik on 26<sup>th</sup> to 27<sup>th</sup> July 2019.
- [7] 3-days “Faculty Development Program for Student Induction (FDP-SI)” during 9 - 11 August, 2019 at NDMVPS KBT COE, Nashik.
- [8] One week FDP on Data Science and Machine learning using python at NDMVPS KBT COE, Nashik on 2<sup>nd</sup> May to 6<sup>th</sup> May 2019.
- [9] 2 days’ workshop on Emotional Intelligence at NDMVPS KBT COE, Nashik on 28 September 2018 to 30 September 2018 conducted by ICT academy.
- [10] Participated in one day Largest Industry-Institute Interaction Event of India “Bridge18 –Future of work” organized by ICT academy at pune on 10th January 2018.
- [11] One week FDP on Data Science and Big data Analytics at NDMVPS KBT COE, Nashik on 11<sup>th</sup> December 2017 to 16 December 2017 conducted by ICT academy.
- [12] One day FDP on “outcome based teaching learning process” at PVG COE Pune on

19<sup>th</sup> August 2015.

- [13] One day Training on “BCUD sponsored Project Research Competition” at KKW Science college , PimpalgaonBaswant, on date 2nd July 2015.
- [14] One day Training Program on “Open source technology” at RajarshiShahu College of Engineering Pune on 8th July 2013.
- [15] One Week Hands on Workshop of “Hadoop Big Data Set” Conducted by Sandip Institute of Technology and Research Centre on 9th to 13th October 2014.
- [16] Three days AICTE sponsored Training program on “RESEARCH METHODOLOGY”  
[17] at K.L.University, Vijayawada on 15th to 18th may 2013.
- [18] Two days ISTE Workshop on “RESEARCH METHODS IN EDUCATIONAL TECHNOLOGY” conducted by IIT Bombay on 2nd and 9th Feb 2012.
- [19] One day workshop on Teaching Methodology expert from Mission 10X on 29 Dec 2012 at Amrutvahini College of Engineering
- [20] Two days workshop on Distributed operating system at G.S.Moze COE ,Balewadi ,Pune .16th& 17th March 2012.
  
- [21] Three days workshop on Communicative English and Presentation skill at AVCOE Sangamner, 2010.
- [22] Two days’ workshop on Network simulator-2 at Walchand College of Engineering Sangali, 2008.
- [23] One day workshop on Effective teaching and Personal Effectiveness, 2007.
- [24] Two days’ workshop on Real time Operating system (RTOS) at IIT Powai, 2006.
- [25] Two days’ workshop on Multimedia techniques at Sinhadgad College of engineering, 2006.