Curriculum Vitae

Name: Dr. Sopan Govind Kolte

Date of Birth: 04/12/1962

Email ID: iamksopan@gmail.com

Mobile Number: 9819242014

Address: 902, Keshav Niwas, Chawarewadi, G.V. Scheme Road No.4, Mulund (East), Mumbai-400081

Career and Education:

- **Educational Qualification:**

Degree	University/Board	Year of Passing	Percentage
Ph.D. (Computer Engineering)	Bharati Vidyapeeth, Pune	December 2011	-
M.E. (Computer Engineering)	Mumbai University	2000	65 %
B.Sc. (TECH) Electronics Engineering	Bombay University	1989	60%

- **Experience:**

Organization	Post held	Period	Total
VJTI	Adhoc Faculty	16/10/2023 till date	9 Months
K.J. Somaiya Polytechnic, Vidyavihar, Mumbai-77	Lecturer and I/C HOD (Computer Engineering)	8/9/1994 to 31/12/2022	28 Years and 3 months
B.I.T, Ulhasnagar-3	Lecturer	15/11/191 to 7/9/1994	2 Years and 10 months

Membership:

MISTE, CSI, IENG, ACM (U.S.A), IEEE Computer Society, AAAI (U.S.A), NLPAI, UNDL (Japan)

International Certification:

CNA- Certified Novell Administrator.

Certificate course on **Data Science and Machine Learning: Making Data-Driven Decisions from MIT (Massachusetts Institute of Technology) MA USA.**

Research Interests:

Artificial Intelligence, Machine Learning, Natural Language Processing and Machine Translation.

Publications:

- **Journal Articles**

1. S.G.Kolte, Dr.S.G.Bhirud: "Machine Translation: An Interlingua Approach". International Journal of Computer Applications in Engineering, Technology and Sciences [ISSN: 0974-3596]. Vol.1. No.1, Amogsiddhi Publications, Sangli, Maharashtra. India. Oct.2008 pp. 180-187

2. S.G.Kolte, Dr.S.G.Bhirud: *"Improving Word Sense Disambiguation using WordNet Relations and Parallel Corpora".* International Journal of Computer Science and Information Technology [ISSN: 0974-696X], Vol. 1, No. 2, Serials Publications, New Delhi. India December 2008, pp.119-124.

3. S.G.Kolte, Dr.S.G.Bhirud: "*A Knowledge Source for Word Sense Disambiguation".* International Journal of Recent Trends in Engineering [ISSN 1797-9617] Academy Publishers, Finland. Vol. 2 No.4 pp. 213-217. Nov. 2009.

- **Conferences And Seminar**

1. S.G.Kolte, Dr.S.G.Bhirud: "*Robust Preprocessing of Source Language in Machine Translation*". In Proceeding of International Conference on Advances in Computer Vision and Information Technology (ACVIT-07), Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India, pp. 378-382, 28th -30th November 2007.

2.S.G.Kolte, Dr.S.G.Bhirud: "*UNL As An Interlingua for Machine Translation*". In Proceeding of International Conference on Emerging Technologies and Applications in Engineering, Technology and Sciences (ICETAETS 2008). Computer Science Department Saurashtra University, Rajkot, Gujarat, India. 13th – 14th January, 2008

3. S.G.Kolte, Dr.S.G.Bhirud: "*Word Sense Disambiguation using WordNet Domains*". In Proceeding of First International Conference on Emerging Trends in Engineering & Technology-08. G. H. Raisoni College of Engineering, Nagpur, India IEEE Computer Society Washington, DC, USA. pp. 1187-1191, 16th-17th July, 2008.

[http://dx.doi.org/10.1109/ICETET.2008.231]

4. S.G.Kolte, Dr.S.G.Bhirud:"*Word Sense Disambiguation: A Case Study*". In Proceeding of International Conference on Quantitative Methods, Operations & Information Technology (ICQMOIT-2008) IBS Hyderabad 24th-25th October, 2008

5. S.G.Kolte, Dr.S.G.Bhirud:"*A Highly Accurate Language Preprocessor for Source Language in Machine Translation*". In Proceeding of International Conference on Communication, Computers and Instrumentation (ICCCI09) VESIT Mumbai. pp. 360-363,02nd – 03rd January 2009

6. S.G.Kolte, Dr.S.G.Bhirud: "*Exploiting Links in WordNet Hierarchy for Word Sense Disambiguation of Nouns*". In Proceedings of International Conference on Advances in Computing, Communication and Control (ICAC'09). 23rd -24th January, 2009. ACM New York, NY, USA. pp. 20-25. [http://doi.acm.org/10.1145/1523103.1523108]

7. S.G.Kolte, Dr.S.G.Bhirud: "*Word Sense Disambiguation in English to Hindi Machine Translation*". In Proceedings of International Conference on Software and Computer Applications IPCSIT vol.9 (2011) © (2011) IACSIT Press, Singapore

8. Sumit S. Poojary, Dr.S.G.Kolte "*SET REPLACEMENTS Technique*". In Proceedings of International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT2016) Published by IEEE (Best Paper Award) Pages 604-607

[DOI: 10.1109/ICACDOT.2016.7877657]

- **National Conferences**

1. S.G.Kolte, Dr. S.G.Bhirud: "*Morphological Processing of Sanskrit Verbs*". In Proceeding of First National Symposium on Modeling and Shallow parsing of Indian languages, IIT Bombay, pp.18-23, 2nd -4th April 2006.

2. S.G.Kolte, Dr. S.G.Bhirud: "*Context Based Word Sense Disambiguation using WordNet Domains*". In Proceeding of National Conference on Information and Communication

Technology (NCICT-2007), D.J. Sanghavi College of Engineering, Mumbai, pp. 61-61,1st - 3rd March 2007

Citations:115

Administrative Assignments:

Worked as research paper reviewer for International Conference ICISIL, Patiala, International Conference on Natural Language Processing (ICON2017,2018).

Deputed by DTE/MSBTE Maharashtra state on administrative assignments as a Chairman and member of various committees.

Worked as an expert to support the Regional Officers of AICTE in online approval process.

Courses Taught:

Programming in C, C++, Core Java, Microprocessors, Operating Systems, Digital Electronics, Python, Computer Network, Data Structures, Computer Organization.

Expert Lectures:

Delivered Expert Lectures on Natural Language Processing at K. J. Somaiya College of Engineering

STTP Conducted:

Organized STTP on IoT.

NBA related:

Presented Computer Engineering department during the NBA committee visit. Department was accredited for 3 years and accredited.

Equivalence and Grade by MSBTE:

Established Computer Engineering Department, obtained equivalence for the Curriculum and Excellent grade by MSBTE.

Personal Interests:

Listening Classical Music, Traveling, Reading Technical and Scientific Articles