

## CURRICULUM VITAE

Dr. SRINIVASA SURESH SIKHAKOLLI, PhD (Computer Science)

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**Objective:** To provide quality education and training to students and be part of the successful Nation building in education.

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### Academic Qualifications:

No	Degree	University	Year	Class obtained
1	B. Sc	Nagarjuna University, Guntur, Andhra Pradesh	1991-1994	First
2	M.C.A	Nagarjuna University, Guntur, Andhra Pradesh.	1994-1997	First
3	Ph.D(CS)	Himalayan University  (UGC approved and member Association of Indian Universities (AIU)), Arunachal Pradesh.	2013-2017	Degree issued

### Experience Details: Total 19 years

Sno	Institution	Role /Designation	Period	Department
1	Vishwakarma University, Pune	Asst.Professor	September 2019 to January 2021	Engineering
2	MITWPU - MCA	Associate Professor	March -to- September 2019	School of Management -MCA
3	Kirloskar Institute of Advanced Management Studies (KIAMS), Pune	Associate Professor.	Aug 2018 to March 2019.	PGDM-Business Analytics
4	Keshav Memorial Institute of Technology (KMIT), Hyderabad, affiliated to JNTUH.	Associate Professor	Jan 2017- Jan 2018.	Computer Science & Engineering.

5	International Institute of Information Technology, Affiliated to Savitri Phule Pune University, India.	Asst. Professor.	April 2005 to June 2016	Information Technology(IT), MBA.
6	T.J.P.S. College, P.G studies, Department of Computer Applications, Guntur, Affiliated to AN University, Andhra Pradesh, India	Lecturer	February 1998 to April 2003.	Department of MCA.

### **Current Institution**

Currently working with Kirloskar Institute of Advanced Management Institute, Pune Since January 25 th 2021.

### **Courses Taught**

Introduction to Business Analytics, Social Media Analytics, Cloud Computing, Introduction to Statistics, Database Management System, SQL Programming, Data Warehouse and Data Mining, Machine Learning, Data File Structures, Python Programming, and R Programming.

### **International invitations**

1	To deliver lecturers at Maufa Lunag University (MFL) on the subject Unified Modeling Language (UML) to degree level students for a period of 3 months.	Thailand – 2006
2	To attended 8 <sup>th</sup> INDEPTH-AGM (INDEPTH-NETWROK, Ghana) meeting at Tanzania to discuss the progress of Health and Demographic Systems across the world. Registered NGO's across the world participated.	West Africa. - 2008
3	To participate in the iSHAR Eproject workshop organized by University of Limpopo, South Africa. iSHARE is HDS data integration project.	South Africa.- 2010

**Research areas:** Software Design Patterns, Data Mining, and Data Privacy.

**Achievements**

1	Won the best paper award in the session for presenting a paper on digital libraries in colleges on Oct 2008 at National Conference conducted by Singhad College of Engineering, Vadagoan campus, sponsored by Pune University.
2	Won best paper award in the International Conference on Artificial Intelligence and Computing Technologies, “Design pattern recommendation system: Methodology, Algorithms, and Data model”, Pattayah, Thailand, Oct 6 2011 conducted by Planetary Scientific and Research Center (PSRC), Thailand.
3	Received best paper award for presenting the research paper “Application of PSO Optimization Technique on Medical Data to Uphold Data Privacy”, 23 <sup>rd</sup> International Conference on Science Technology and Management conducted by IASTEM, Dubai–UAE, Aug 1-2 2017

**NPTEL Certifications**

Completed “Research Writing” course conducted by NPTEL-IIIT Kharagpur, April 2018 and obtained 75% score.

Completed Business Analytics course through NPTEL, IIIT-Kharagpur.

**Current Academic Activities**

- Curriculum Design & Implementation
- Academic class work (for Both Management & Technical students)
- Admission related seminars
- Departmental day-to-day affairs

**Software Tools & Technologies**

Category	Languages/tools
Core languages	C,C++ and Java
Database tools	Oracle 9i, MS SQL Server 7.0
Business Intelligence tools	Base SAS 9.1.3 , Advanced SAS 9.1.3 SAS/Integration studio 3.4, Enterprise Minor 3.4
Statistical Analytical Tools	R 3.0, SAS 9.1.3, Data Science, Python

OO Modeling tools	Visual Paradigm 4.5, Star UML 5.0
Operating Systems	Unix,Linux,Windows 7.0
Distributed models	Block Chain Technology architecture and use cases

## International Journal Publications

1. Srinivasa Suresh Sikkakolli, Asha Kiran, A Bacterial Foraging Algorithm with Random Forest Classifier for detecting the Design Patterns in Source Code, International Journal of Intelligent Engineering & Systems, (SCOPUS Indexed Journal), Paper accepted, Under Process for Publication, 2020.
2. Asha Kiran, Dr.Manimala Puri, Dr.Srinivasa Suresh S, Average Precision Purity Algorithm for Evaluating Cluster accuracy, Journal of Advanced Research in Dynamics & Control systems, Vol.10,02-speical edition, 2018,ISSN:1493-023x.(ELSEVIER SCOPUS)
3. Asha Kiran, Manimala Puri, Srinivasa Suresh S, “PSO Enabled Privacy Preservation of data Clustering” Indian Journal of Science and Technology, Vol 10(11), DOI: 10.17485/ijst/2017/v10i11/89318, March 2017, ISSN(print): 0974-4368, ISSN(online): 0974-5645.
4. S.S.Suresh, Dr.Saraswat, Unified Design Pattern Template (UPT) for Design pattern Selection International Journal of Engineering and Research (IJETR), ISSN: 2321-0869, Volume-II, Issue-4, April, 2014.(Google Scholar Indexed).
5. Jaya Kumari, Nistala V.E.S. Murthy and S. Srinivasa Suresh,An Optimization Based Modified Maximum Sensitive ItemSets Conflict First Algorithm (MMSICF) for Hiding SensitiveItem, IJCA, Vol 72, No.04, P1-7, May 2013. ISSN: 0975 – 8887.
6. S S Suresh, Dr.Sagar S.Jambhorkar, S.Asha Kiran (2013) “Design Pattern Selection based on Design Principles”: An application”, International Journal of Research in Computer Applications and Management (IJRCM), (Feb 2013), ISSN (print): 2231-1009((Google Scholar Indexed).
7. S.S.Suresh, Dr.Sagar S.Jambhorkar (2012) “Unified document repository for design pattern”, International Journal of Engineering and Research Development (IJERD) (peer-reviewed Journal), vol 5, issue no.8, online& offline, December 2012, ISSN (Online): 2278-067X, ISSN (Print): 2278-800X. Impact factor 1.43.
8. Student Performance Analytics using Data Warehouse in E-Governance System, International Journal of Computer Applications, Computer science foundation, U.S.A. ISBN: 978-93-80749-17-9, 2011.
9. S.S.Suresh, “Design Pattern Recommendation System (Methodology, Data Model and Algorithms)“,proceedings of International Conference on Artificial Intelligence and Computational Techniques (ICCTAI’ 2011) organized by Planetary Scientific Research Center, Oct 7-8 2011 , Pattaiyah, Thailand. ISBN (print): 978-81-922428-0-4.

## **Conference Proceedings**

- 1) Asha kiran, Manimala Puri, Srinivasa” A Model for Preserving Data Privacy Using Optimization Technique”, International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC), 28<sup>th</sup> & 29<sup>th</sup> January 2018. (IEEE approved conference).
- 2) Asha kiran, Manimala Puri, Srinivasa Suresh, “Application of PSO Optimization Technique on Medical Data to Uphold Data Privacy”, 23<sup>rd</sup> International Conference on Science Technology and Management conducted by IASTEM, Dubai–UAE, Aug 1-2 2017. ISBN:978-93-86831-14-9.

## **Professional activities**

- Conducted 3 workshops on Predictive modeling: Pune, Ratnagiri and Bangalore in the year 2010.
- Conducted workshop on ‘R- Programming’ at Pralhad P. Chhabria Research Center (PPCRC) October 2016, Pune.
- Organized one-day seminar on Cloud Cognitive computing at KMIT, Hyderabad, and June 27.
- Organized (Co-Convener) International Conference on Fog Computing and IoT at KMIT Dec 2017.
- PhD thesis adjudicator – Computer management, Savitribai Phule Pune University, Maharashtra.

## **Seminars**

- Delivered one-day seminar on Business Intelligence, Vasavi Engineering College, Tadepalligudem, and Andhrapradesh, 2009-2010.
- Delivered sessions on hands-on workshop on the topic UML, JKCCollege, Guntur, 2006.
- Delivered seminar on Big data analytics at RSCOE, Pune 2017.
- Delivered seminar on Business Intelligence, RRS Engineering College, Hyderabad, 2009-2010
- Delivered seminar on Business Intelligence, St.Marrys Engineering College, Hyderabad, Feb 2009-2010
- Delivered seminar on Design Patterns at JICA College, Pune October 2007.

## **Trainings Attended**

- Attended base SAS training conducted by SAS Research and Development Center, Pune, India.
- Attended 5-days Faculty Development Program conducted by iGATE Corporate University, Pune. (1<sup>st</sup> June 2015 to 5<sup>th</sup> June 2015)
- Attended IBM Blue Mix training at I2IT, Pune, June 17 2015.
- Attended Data Analytics training conducted by MSME - Agra in Pune, Govt of India, June 2016
- Attended Big Data Analytic training conducted by MSME - Agra in Pune, Govt of India, 01/10/2016.

The above stated Information is true to my best of my knowledge and belief.

(Signature)

(Dr.Srinivasa Suresh Sikhakolli)