Curriculum Vitae

Name: Kala .V

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Aurangabad

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Date of Birth:04/06/1974

Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
M.E.	CSE	A.K.C.E, Krishnancoil, Srivilliputhur, Tamil.Nadu	M.K.University, Tamil Nadu	2002	81	*Distinction*

M. E. Project:

Communication interface between client and server on different platforms.

Key Research Areas:

Cloud Computing

Software Engineering

Experience

Sr. No.	Organization	Post	From To	No. of Years
1	Maharashtra institute of Technology,Aurangabad	Associate professor	28/06/2011 to till date	10 years
2	Maharashtra institute of Technology,Aurangabad	Assistant Professor	28/07/2007 to 27/06/2011	4 years
3	Maharashtra institute of	Senior Lecturer	18/01/2006 to	

			27/07/2007	1.6 years
4	Maharashtra institute of Technology,Aurangabad	Lecturer	15/10/2003 to 17/01/2006	2.9 years
5	Jawaharlal Nehru Engineering College,Aurangabad	Lecturer	07/08/2003 to 13/10/2003	3 months
6	Marathwada Institute of Technology,Aurangabad	Lecturer	08/07/1999 to 21/07/2000	1 year
7	Marathwada Institute of Technology,Aurangabad	Lecturer	19/09/1998 to 30/04/1999	8 months

List of Courses Taught/Teaching at UG level

- Object oriented programming in C++
- Web programming with Java
- introduction to HTML
- Computer Organization
- Industrial Management
- Visual Basic Programming
- Computer fundamentals and programming
- Software Engineering
- Data structures
- Object oriented programming in Java
- Principles of programming languages
- Python Programming

List of Courses Taught/Teaching at PG level

- Elective-II (Cloud computing)
- Research Methodology

Additional Assignments/Duties

- Worked as a Deputy management representative for ISO 9001:2000 in 2004 at MIT.
- Worked as a co-ordinator for the competitions of second state level Abilympics in 2005, held at MIT.
- Worked as a Chief superintendent for DR. BAMU university Examinations during the year 2004-05.
- Worked as a co-ordinator for the software competition in Technomillenium 2006.
- Worked as a HOD In charge from Feb 2004 to Jan 2010.

- Worked as a Chief superintendent for DR.BAMU university Examinations during Nov / Dec 2009.
- Worked as a co-ordinator for the online class test for FY students in March 2010.
- Worked as a chairman for the Art Mela committee in Annual gathering Kalavihangam 2011.
- Worked as a co-ordinator for the Paper presentation event in cynosure 2011.
- Worked as a Central Class test co-ordinator, Central Term work and Practical exam co-ordinator for the entire Institute for the Year 2011-12.
- Worked as a chairman for the Twins matching competition in Kalavihangam 2012.
- Worked as a Central Class test co-ordinator, Central Term work and Practical exam co-ordinator for the entire Institute for the Year 2012-13.2015-16,2016-17,2017-18.13. Worked as a Departmental NBA co-ordinator for the year 2012-13,13-14,14-15 and 2015-16.
- Worked as a Chief superintendent for DR.BAMU university Examinations during Nov / Dec 2014.
- Worked as a Departmental M.Tech (CST) co-ordinator from 2013-14 to 2019-20.
- Worked as a Central Term work class test co-ordinator for the entire Institute for the Year 2015-16, 2016-17, 2017-18.
- Worked as a Co-ordinator for M.Tech admission committee for the academic year 2013-14, 2016-17, 2017-18 , 2019-20.
- Worked as a departmental term work coordinator for the academic year 2019-20.
- Working as a oracle academy coordinator since Jan 2021.
- Working as a departmental project coordinator for the year 2020-21.

Membership of Professional Bodies

Life member of ISTE (LM 41105)
Life member of CSI (00100502)

Research Projects/Projects Guided

- M.E.Project: Efficient cloud storage confidentiality to ensure data security using symmetric encryption and obfuscation.
- M.E.Project: Detection and automatic prevention against SQL injection attacks and XSS attacks performed on the web applications
- M.E.Project: A Business model for cloud computing based on separate encryption and decryption services
- M.E.Project: Robust face name graph matching for movie character identification.

Computer/Software Proficiency

- C, C++, Java, Python programming
- HTML, JSP

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference Attended

- Two days workshop on Bio-informatics from 16 to 18 Aug 2003 in JNEC, Aurangabad.

- One day workshop on TE(CSE)revised syllabus on 28th Aug 2004 in MIT, Aurangabad.

- Five days short term training programme on IBM rational rose at SEED Infotech , Pune from 25 Nov to Dec 1 st   Jan 2004.

- Two days workshop on Linux system administration and networking on 5th and 6th Jan 2005 in MIT, Aurangabad.

- One day workshop on E-education in Govt.medical College, Aurangabad, on 20th April 2005.

- Two days workshop on Matlab in MIT , Aurangabad on 10th and 11th July 2006.

- Three days workshop on Infrastructure Management system(Train The Trainer Programme) in Infosys DC, Pune from 15 to 17 Sep 2008.

- Four days workshop on IBM Rational software architect(RSA) from 5th to 8th July 2010,in MIT Aurangabad.

- Four days workshop on IBM Rational Application Developer(RAD) from 1st to 4th sep 2010,in MIT Aurangabad.

- One day workshop on Latex software in MIT Aurangabad on 17th Nov 2011 and got certified.

- Five days workshop on Introduction to Mainframe Systems from 3 rd to 7th Sep 2012.

- Two days workshop on Model based design and development from 1st Feb to 2nd Feb 2013 organized by Computer Society of India, Aurangabad chapter.

- Five days Faculty Enablement Program on "Business Intelligence" ,17th to 21st June 2013 at Infosys DC, Pune.

- Two days workshop Continuing Education Program course on "Research Methodology" from 9 to 10 Aug 2013 in Mechanical Engineering Department, MIT Aurangabad.

- One day Seminar on "Converged solutions, Build your own cloud,Virtualization" on 25th Feb 2014 at CMIA, MIDC,Aurangabad.

- Two days Workshop on "Research Methodology" on 13th & 14th March 2015 conducted by Department of Electronics in Maharashtra Institute of Technology,Aurangabad.

- Two weeks STTP on "Introduction to design of algorithms" from 27th april to 24th May 2015 and 25th May to 30th May 2015, at Marathwada Institute of Technology ,Aurangabad.

- Five days Faculty Enablement Program on "Software Engineering and Agile software Development" ,21st to 25th Dec 2015 conducted by Infosys ,at Maharashtra Institute of Technology,Aurangabad.

- Two days workshop on "Statistical Data Analysis" on 14 & 15th March 2016 conducted by Department of Agricultural Engineering at Maharashtra Institute of Technology, Aurangabad.

- Three days FDP on "Cyber security" on 28,4,11 Feb 2017 conducted by Department of Computer Science & Engineering at Maharashtra Institute of Technology, Aurangabad.
- One week refresher course on "Use of ICT for effective teaching learning" from 8 Jan to 12th Jan 2019 organized by Department of Computer Science & Engineering, BSH and Mechanical Engineering at Maharashtra Institute of Technology, Aurangabad.

- One-week STTP on "Machine learning and Deep learning Techniques" from 22nd July to 27th July 2019 organized by Department of Computer Science & Engineering, Maharashtra Institute of Technology, Aurangabad in association with EDuxLabs &National social summit IIT Roorkee.

- Five days FDP on Artificial Intelligence from 22 to 26th May 2020 organized by CBIT, Hyderabad.

- Five days FDP on outcome-based education: a step towards excellence from 11 to 15 May 2020, organized by Government College of Engineering, Karad.

- Three days FDP on Research Techniques and challenges from 26 to 28 May 2020 conducted by Shivajirao S. Jondhle College of Engineering &Technology and Shivajirao S. Jondhle Polytechnic, Asangaon, Thane.

- Five days FDP on Python 3.4.3 from 11th May 2020 to 15th May 2020 conducted by Sou. Venutai Chavan Polytechnic, Pune.

- One-week online FDP on Advanced research methodology and innovative teaching pedagogy from 8th June to 13th June 2020 organized by Tulsiramji Gaikwad Patil college of Engineering and Technology, Nagpur.

- One week Shirt term training program on Block chain technology and cryptocurrency organized by Department of Information Technology, Sanjivani College of Engineering, Kopargaon, Maharashtra, from 30th Nov. 2020 to 5th Dec. 2020.

- One week induction programme on IoT applications, organized by Department of CSE, Abha Gaikwad Patil college of Engineering, Nagpur from 21 to 26 Dec 2020.

- Short Term Training Program on Cybersecurity and Blockchain Technology, organized by Department of computer science and Engineering, Sanjivani College of Engineering, Kopargaon, Maharashtra, from 11th Jan. 2021 to 16th Jan. 2021.

- Two days workshop on Artificial Intelligence and Machine Learning, organized by JNEC, Aurangabad from 26 to 27 Feb 2021.

- Webinar on "Call for paper writing and research report on Innovation" Organized by Department of Plastic and Polymer Engineering in association with Institution's Innovation Council, Maharashtra Institute of Technology, Aurangabad on 6th January 2021.

- Webinar on Process of Innovation Development, Organized by Department of Basic Sciences and Humanities in association with Institution's Innovation Council, Maharashtra Institute of Technology, Aurangabad on 8th January 2021.

- Webinar on "Design Approach in Inventions" organized by Department of Computer Science and Engineering in association with Institution's Innovation Council, Maharashtra Institute of Technology, Aurangabad on 22nd January 2021.

- Webinar on Intellectual Property Rights, by Mr. Vivek Singh, IP Attorney & IP Prosecution Practice, Sagacious IP, New Delhi organized by IQAC & IIC, Maharashtra Institute of Technology, Aurangabad in association with MSME Development Institute, Ministry of MSME, Govt. of India & MASSIA, Aurangabad & Auto Component Cluster, Aurangabad & Printing Cluster, Aurangabad on 11th March 2021.

- One Day Online workshop on "OBE Concepts & Implementation and Digital Preparedness for NBA" organized by Internal Quality Assurance Cell (IQAC), Maharashtra Institute of Technology, Aurangabad on 29th May 2021.

- One week workshop on REACT JS from 5th July to 10th July 2021 organized by Brainovision Solutions India pvt.ltd and National Youth Council of India.

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference organized

- Seminar on "ERP" by Mr.J.Shrinivasan , General Manager, Greaves Cotton Ltd, Aurangabad on 16th Aug 2006.
- Seminar on "Hacking & Cyber Security" by Mr. Anup Girdhar on 2nd Sep 2006.
- Seminar on Software Testing By Dr.Uday Wagh on 30th Aug 2007.
- Seminar on Networking by Mr.Nilangekar on 14th Oct 2008.
- Three Days workshop on "Rational Rose" from 3rd to 5th March 2008.
- Seminar on soft Skills in Feb 2009.
- Seminar on Virtual Private networks on 15th Sep 2009.
- Seminar on cloud computing by Ms.Swati Kumari, Digitize IT station , Aurangabad on Feb 2014.

- TechPro2020-Project competition on 27th June 2020 at Department of CSE, Maharashtra Institute of Technology, Aurangabad.
- Four days Workshop on Recent trends in computer science and information technology from 26 to 30 June 2021 at Maharashtra Institute of Technology, Aurangabad.

Invited talks delivered

Projects, Research Grants and Consultancy

Intellectual Property Rights

Copyright on the title "Types of relationship in Java". (Reg.No. L-92789/2020)

List of Research Publications

Papers in National/ International Journal

- Chaitali Khairnar ,Kala.V., "Report on Vulnerabilities in Web Applications" in International Journal of Emerging Technology and Advanced Engineering, Volume 4, Issue 9, September 2014.

- Thakur Gaurav, Kala.V., "Review on A Business model for cloud computing based on a separate encryption and decryption service" , International Journal of Emerging Technology and Advanced Engineering, Volume 4, Issue 12, December 2014.

- Syeda Huda ,Kala.V., "A study of cloud computing its issues and encryption", International journal for scientific research and development, Volume 3, Issue 4,May 2016.

Books/ Book Chapter:

Papers in National /International Conference Proceedings

- S.W.Quadri,V.Kala," Security issues in network operating system" ,Insight-07,international level technical paper and poster presentation, Anuradha College of Engg, Sikhli ,Buldhana Dt., 3 rd March 2007.

- Vengatesan.K,Mahajan S.B,Sanjeevi Kumar P,Mangrule Dipali.A, Kala.V., Pragadeeswaran "Performance analysis of Gene expression data using Mann whitney U Test" ,Ist Springer International conference on ETAEERE, Sikkim ,17 and 18 Dec 2016.
- Kala.V.,Vengatesan.K,"Certain Analytical Techniques for Maximizing the Similarity of Gene Expression using Clustering" ,ICETS -2017 , Muthayammal Engg Institutions, Rasipuram, Namakkal Dt, Tamil Nadu , 30 and 31st March 2017.

- Kala.V.,Vengatesan.K,.Mahajan S.B.,Sanjeevi Kumar.P.,Babu.M.,"Modified K-Nearest Neighbour Based Clustering Algorithm For Subset Gene Selection Using Probability Mechanism" in ICAIECES-2017 & ICPCIT-2017 at Madanapalle Institute of Technology & Science (MITS), Madanapalle, India , April 27-29th 2017.

- Shalini Khokad , Kala.V, " A solitary platform to realize citizen charter " in ICREATE-2020 at Erode Sengunthar Engineering college, TamilNadu, 29th September 2020.

- Shalini Khokad ,Kala.V, "A study of SLIDE algorithm : Revolutionary AI Algorithm that Speeds Up Deep Learning on CPUs" in Virtual International Conference on Smart Innovations in Design, Environment, Management, Planning and Computing(ICSIDEMPC-2020) at JNECA ,MGM University, Aurangabad, Maharashtra, 30 and 31st October 2020.

NPTEL Certification					
Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
29 July 2019	20 Sep 2019	8 weeks	TALE 2: Course design and construction of engineering course	71	Elite

Awards, Achievements and Recognition

- Recognized as bronze partner faculty under Inspire -The campus connect faculty partnership model.
- Received certificate of special achievement from IBS on 8th Oct 2009, in recognition of the contribution made for imparting the training as per the requirements of Infosys campus connect Foundation program for Batch 1 & 2 and also for organizing the Infosys campus connect program as a member of core team.

Date: 23/07/2021
Place: Aurangabad.