

CURRICULUM VITAE

PERSONAL DETAILS - SAGAR DAMODARRAO KORDE

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400608.
Date of Birth : 29th, April 1989
Nationality : Indian
Teaching Experience : 6 Years

CAREER OBJECTIVE

Eager to contribute highly applicable IT skills and ability to translate them into executable strategies. Want to learn & share technical knowledge, and to attain a key position in well-known educational organization which would offer challenges along with growth prospects.

ACADEMIC QUALIFICATION

Examination	Institution/Board/University	Year of Passing	Division/Class
M.E in Embedded System & Computing under the department of Computer Science & Engineering	G.H. Raison College of Engineering, Nagpur (Autonomous Institute of RTM Nagpur University)	2014	First
Bachelor of Engineering (Information Technology)	Smt. Radhikatai Pandav College of Engineering, Nagpur (RTM Nagpur University)	2012	First
H.S.C.	Shri Gurudeo Jr. College (Maharashtra State board)	2007	First
S.S.C.	Shri Gurudeo Vidyamandir (Maharashtra State board)	2005	First

SUBJECT STREAM

Operating System, Real-Time Operating System, Ubiquitous Computing, Usability Engineering, Embedded Systems, Internet of Things, Intelligent Systems.

ACHIEVEMENTS

- K J Somaiya College of Engineering in association with Cyber Peace Foundation working on a CIFF International funded research project "Landscape Analysis for Online Child Trafficking and Online Child Sexual Exploitation".**
Position – Documentation Officer.
- Rank 1st in “Smart India Hackathon”. It is an initiative by AICTE and Government of India, under Science and Technology Department.**
Position - Mentor
- Development of Synthetic Brain in Humanoid Robot” Project was selected for ‘RGI INNOVATIONS’.**

RESEARCH INTERACTION

Year	Research / Project Title	Agency	Role	Status
2017-18	Automated Car Parking System	L&T Automation Consultancy Project	Mentor	In Progress
2017-18	Image Editor Development	L&T Automation Consultancy Project	Mentor	Completed
2016-17	Linen Counter Weighing Machine	Indian Railway Consultancy Project	Mentor	Mounted

2016-17	Water Level Alarm System for Indian Railways	Indian Railway Consultancy Project	Mentor	Mounted
2016-17	IVR System for Indian Railways	Indian Railway Consultancy Project	Mentor	Mounted

PROOF OF CONCEPT & VALIDATION

- Proof of Concept & Validation of “Novel Jaggery Meter Device”**

Novel Jaggery Meter Device is an idea which will provide standardization to Jaggery processes and methods.

RESEARCH AND PROJECTS

Year	Research Title	Background	Role	Status
2016-17	Electrica	KJSCE Official App	Mediator & Co-Guide	Completed
2015-16	Multi-kernel OS	R&D project of IT Dept. KJSCE	Ideator & Guide	In Progress
2015-16	KJSCE Official App	Institute Level Project	Mentor	Completed
2015-16	Software management tool for Debian base Linux OS	R&D project of IT Dept. KJSCE	Ideator & Guide	In Progress
2014-15	Train location alarm system	Project of IT Dept. KJSCE	Mentor	Completed
2013-14	Development of Synthetic Brain in Humanoid Robot	M.E Major project	Implementer	Completed
2012-13	Grid Solving Robot Using Embedded ‘C’	M.E Mini project	Implementer	Completed
2011-12	Optical Character Recognition	B.E (Information Technology)	Implementer	Completed

PUBLICATIONS:

Year of Publication	Paper Title	Publisher	Publication Detailed
2019	Speech To 3d Scene Generation	I-Manager Journal	i-manager’s Journal on Software Engineering, Vol. 13 INo. 4 IApril - June 2019
2019	Student Data Integration And Consolidation System	I-Manager Journal	i-manager’s Journal on Software Engineering, Vol. 13 INo. 4 IApril - June 2019
2019	A digital approach to access and manage distributed data	2nd International Conference on Advances in Science & Technology (ICAST-2019)	https://ssrn.com/abstract=3372789
2016	Technical Review and Analysis of Popular Speech Recognition Techniques for Ubiquitous Human Computer Interaction	IJIRCCE	ISSN(Online): 2320-9801 ISSN (Print): 2320-9798 Vol. 4, Issue 1, January 2016
2014	Implementation of Synthetic Brain Concept in Humanoid robot	IEEE	International Conference on the Convergence of Technology, Pune - 2014
2014	Implementation of Humanoid Robot with using the Concept of Synthetic Brain	IJRET	eISSN: 2319-1163 pISSN: 2321-7308 Volume: 03 Issue: 02
2014	Humanoid Robot with Synthetic Brain	I-Manager Journal	i-manager’s Journal on Embedded Systems, Volume 2 / No. 3 /August - October 2013

CONTRIBUTION IN DEPARTMENT AND INSTITUTE

1. Convenor of KJSCE MHRD's IIC (Institute Innovation Council).
2. SPOC of KJSCE for Smart India Hackathon since 2017 to till 2019.
3. Faculty Coordinator in Training and Placement Cell.
4. Faculty Coordinator and Mentor in KJSCE ThinkTank R&D Cell.
5. Faculty Coordinator in KJSCE BloomBox Entrepreneurship Cell.
6. Member of KJSCE Student Welfare Committee.

WORK EXPERIENCE

7 th July 2014 – till date	<p>Working with “K. J. Somaiya College of Engineering (Autonomous), Vidyavihar”, Mumbai. As an Assistant professor in the department of Information Technology.</p> <p>Subjects Taught:</p> <p>Theory Subjects: Real-Time Operating System, Microcontroller & Embedded Systems, Game Architecture & Programming, Intelligent Systems, Computer Organization & Architecture, Ubiquitous Computing, Usability Engineering.</p> <p>Practical Subjects: Microcontroller & Embedded Systems, Game Architecture & Programming, Intelligent Systems, Simulation & Modelling, Big-Data Analytics, Ubiquitous Computing, Wireless Technology, Data Communication Networks, Usability Engineering.</p> <p>Audit Course: Future of Internet</p>
24 th June 2013 – 24 th June 2014	<p>Worked with “Madhukarrao Pandav College of Engineering”, Bhandara. As an Assistant professor in the department of Information Technology.</p> <p>Subjects Taught:</p> <p>Theory Subjects: Operating System, Computer Architecture and Organization, Introduction to Computer Network, Computer Application in Civil Engineering.</p> <p>Practical Subjects: Computer Lab I & II, UNIX Shell Programming.</p> <p>Responsibilities:</p> <ul style="list-style-type: none">• In-charge HOD (Department of Information Technology)• Coordinator for Final Year Projects, Industry-Institute Interaction, Internships, Training & Placement Cell.

OTHER POSITION HELD

Member of Academic Advisory board of Shankarrao Bande Art & Science Junior College, Warud, Amravati (MH) 444906.

Position : Chief Adviser for Computer Science Subject.

Period : 25th January, 2016 to till date.

OUTSIDE WORLD INTERACTION

- Worked with Indian Territorial Army on JOSH (Judicial Observation System for Human resource) project
- Delivered a Guest lecture on ‘Computer Architecture’ subject in D. J. Sanghavi College of Engineering on dated 16th March 2018.
- Invited as expert for project evaluation in NMIMS University Shirpur Campus on dated 21st and 22nd April 2018.
- Appointed on Editorial Board of HBRP Publications.

MEMBERS OF PROFESSIONAL BODIES

SR. NO.	PROFESSIONAL SOCIETY	FROM YEAR	NATURE OF MEMBERSHIP
1.	Indian Society For Technical Education (ISTE)	2016	Life Member
2.	Computer Science Teachers Association (CSTA)	2016	Life Member
3.	International Association of Engineers (IAENG)	2016	Life Member

TRAININGS / WORKSHOPS/ SEMINARS ORGANIZED

1. Organized a one week AICTE-ISTE approved Short Term Training Program on **“Cognizance of Industry-4.0 towards Implementation and Security”** under the Department of Information Technology and Mechanical Engineering, KJSCE during December 30, 2019 to January 4, 2020.
Position – Organizing Committee Member
2. Organized a two days workshop on **“Frameworks”** jointly held by ISTE Teachers chapter KJSCE MH103) & department of Information Technology at KJSCE on March 5 & 19, 2016.
Position – Coordinator
3. Organized a one-week ISTE approved Short Term Training Program on **“Internet of Things”** under the department of Information Technology at KJSCE during January 4, 2016 - January 8, 2016.
Position – Co-Coordinator
4. Organized a Two days workshop on **“Arduino & IoT”** with ARK Techno – Solutions and Robokart.com under ISTE approved Short Term Training Program on **“Internet of Things”** at KJSCE during January 5, 2016 - January 6, 2016.
Position – Coordinator
5. Organized a seminar on **“Open Source Web Frameworks”** for ‘Advance Internet Technology’ subject of department of Information Technology, KJSCE on March 8, 2016
Position – Coordinator
6. Organized a one week ISTE approved Short Term Training Program on **“Digital Security”** under the department of Information Technology, KJSCE during June 27, 2016 – July 4, 2016.
Position – Organizing Committee Member

WORKSHOPS ATTENDED

1. Attended a one week AICTE-ISTE approved Short Term Training Program on **“Cognizance of Industry-4.0 towards Implementation and Security”** under the Department of Information Technology and Mechanical Engineering, KJSCE during December 30, 2019 to January 4, 2020.
2. Completed NPTEL online course **“Introduction of Internet of Things”** with **“Elite Grade”**.
3. Attended one week workshop on **“Artificial Intelligence, Machine and Deep Learning”** jointly held by ISTE and department of Computer Engineering & Information Technology at K. J. Somaiya Institute of Engineering and Information Technology on June 24 - 29, 2019.
4. Attended the **“Python Workshop”** on 22 June 2019, at Shah And Anchor Kutchhi Engineering College, Chembur. This training was organised by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT).
5. Attended five days **“Linear Algebra, Statistics and Mathematical modelling: Hands On ”** organized by Department of Electronics Engineering and Department of Science and Humanities,
 - a. K. J. Somaiya College of Engineering on 08 - 12 January 2019.
6. Attended one week "Development Program on **Engineering Exploration**" course held during 14 - 18 May 2018.
7. Attended four week **“Pedagogy for Online and Blended Teaching - Learning Process (FDP201x)”** held by IIT Bombay during September 14, 2017 - October 12, 2017.
8. Attended four week **“Foundation Program on ICT in Education (FDP101x)”** held by IIT Bombay during August 24, 2017 - September 12, 2017.
9. Attended Two days hands on workshop on **“Wireless Sensor Networks and IoT”** organized by Department of Computer Engineering, K. J. Somaiya College of Engineering on 08 - 09 February 2019.

10. Attended one week workshop on “**SMAC(Social, Mobile, Analytics and Cloud)**” jointly held by ISTE Teachers chapter KJSCE (MH103) and department of Computer Engineering at K. J. Somaiya college of Engineering, Mumbai-77 on December 5 - 9, 2016.
11. Attended a two days workshop on “**Frameworks**” jointly held by ISTE Teachers chapter KJSCE (MH103) & department of Information Technology at KJSCE on March 5 & 19, 2016.
12. Attended one week workshop on “**LabVIEW and Data Acquisition**” jointly organized by National instruments and Department of Electronics Engineering at K. J. Somaiya college of Engineering, Mumbai-77 held from August 24-28, 2015.
13. Attended a Two days workshop on “**Arduino & IoT**” with ARK Techno – Solutions and Robokart.com under ISTE approved Short Term Training Program on “**Internet of Things**” at KJSCE during January 5, 2016 - January 6, 2016.

INDUSTRIAL INTERNSHIP

- Industrial Internship in Automation Department at Abhijeet Power Plant, MIHAN, Nagpur (MH)

COMPUTER PROFICIENCY

- Operating systems : Basic Linux, Windows.
- Language : C, C++, JAVA, HTML, Embedded ‘C’.
- Tools : Microsoft office, Libre / Open Office, Photoshop, Corel draw.

COMPETENCIES

- Good Learner.
- Positive towards work.
- Get motivated where getting knowledge.
- Punctual and loyal towards work.

INTERESTS AND ACTIVITIES

- Educating Others.
- Reading books, Listening music, Drawing, Travelling.

LANGUAGES KNOWN

- English, Hindi, Marathi

I confirm that the above mentioned information is true to the best of my knowledge.

Place: Mumbai

Mr. Sagar D. Korde