Somaiya Vidyavihar University

Name: Kiran Kuamri	**E-mail: kirankumarisinha@somaiya.edu**

Contact No: 9967014543			
Department/Section: Information Technology			
College: K J Somaiya College of Engineering			
DOJ Somaiya: 1st August 2001	Career Experience: 24 Yrs	Industry Experience: 0 Yrs	Teaching Experience: 24 Yrs
Present Academic Designation: Assistant Professor (Professor/Associate Professor/Assistant Professor)		Present Administrative Designation: Faculty (Principal/Vice-Principal/ Associate Dean/ HOD etc)	

Area of research/specialization and Courses Delivered
Research domain/interests/areas 1. Cloud Computing Courses Delivered 1. Cloud Computing 2. Fundamentals of Cloud Computing (OET) 3. Introduction to Amazon Web Services (Audit Course) 4. DevOps 5. Artificial Intelligence 6. Game Architecture and Programming 7. Data Mining 8. Object Oriented Software Engineering 9. Software Testing and Quality Assurance 10. Operating System

Recognition as a teacher by any University	UG: Yes/No	PG: Yes/No	Ph.D : Yes/No
Details of Recognitions			
1. Mumbai University	Yes	No	No
2. Somaiya Vidyavihar University	Yes	Yes	No

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
PG	M.E.(Computer Engineering)	Mumbai University	Thadomal Shahani College of Engg., Bandra, Mumbai	2012	First Class
UG	B.E.(Computer Engineering)	Vinoba Bhave University	BIT Sindri, Hajaribagh, Jharkhand.	1997	First Class

Research Accomplishments and Projects		
No of students / groups completed UG projects as on date: 20		
Publications Total: 05	Number of Peer review Journal papers: 03	Number of Conference papers: 02
Details of Publications:		

Somaiya Vidyavihar University

International Journals

1. Kiran Kumari, Bhavesh lalwani, Rishi Shah, Mayur Jalora, "Face Enabled Mouse using Motion Detection and Speech Recognition", *International Journal for Innovative Research in Science and Technology*, Volume 1(10), pg. 141-143, March 2015.
2. Kiran Kumari, Shalini Bhatia, Multi-Pixel Visual Cryptography for Color Images, *International Journal of Engineering Science and Technology,* Volume 2(6), pg. 2398-2407, July 2010.

National Journals

3. Shreyas More, Amrutesh Taral, Bhavya Shah, Sneh Joshi, Kiran kumari, "Dense Captioning of Images", *i-manager's Journal on information technology,* Volume 9. No. 2, pg. 20-26, Jan 2021

Conferences

4. Kiran Kumari, Meet Kataria, Viral Limbani and Rahul Soni, CAPSLG: College Admission Predictor and Smart List Generator", *2nd International Conference on Advances in Science & Technology* (ICAST-2019)
5. Kiran Kumari, Saurabh Baj, Niyati Daftary , Jayesh Gaur and Aditya Jawalikar Cargo Tracing and Business Analysis", *2nd International Conference on Advances in Science & Technology (*ICAST-2019)

No of Research / consultancy / projects completed: Rs:	No of Research / consultancy / projects on-going: 03 Rs: 2065000	No of Research / consultancy / projects on applied as on date: Rs:

Details of Research / consultancy / projects:
On-going

1. Artificial and Geo Intelligence Laboratory and its Applications, approved under SVU Funded Research Proposal in academic year 2021 to 2024
2. Location Based Real Time Waterlogging Detection, Information and Monitoring, approved under Mumbai University Minor Research Proposal in academic year 2019-20
3. Instant Crowd Estimation at hype places, approved under Mumbai University Minor Research Proposal in academic year 2019-20

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered

Reviewer:

1. Contributed as reviewer for International conference on "Innovations and challenges in Immerging Technologies (ICICET-24)", organized by GH Raisoni College of Engineering, Nagpur, on 7th and 8th June 2024

Attended:

Online Courses

1. Completed one day online guided project on "Ansible for DevOps: Write your first Playbook", Coursera, 5th October 2023
2. Completed one day online guided project on "Kubernetes in AWS: Create Cluster in EKS in your own VPC", Coursera, 10th March 2023
3. Completed one day online guided project on "Monitoring Kubernetes Cluster using Prometheus and Grafana", Coursera, 9th March 2023
4. Completed four weeks online Course on "Managing Cloud-native Applications with Kubernetes", Coursera, November 2022
5. Completed one day online Guided Project on "Kubernetes: Basic Architecture and First Deployment", Coursera, November 2022
6. Completed one week online Course on "Introduction to OpenStack and Kubernetes Orchestrators", Coursera, November 2022
7. Completed two weeks online Course on "Foundations of Red Hat Cloud-native Development", Coursera, October 2022

8. Completed four weeks online Course on "IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies", Coursera, November 2020
9. Completed two weeks online Course on " Structuring Online projects", Coursera, August 2020
10. Completed four weeks online Course on "Neural network and Deep Learning" Coursera, August 2020
11. Completed eight weeks online Course on "Introduction to research", NPTEL, June 2020

STTP/ FDP/ Training Programs

1. Attended two days conclave on "Trio Conclave of Academia-R&D Institutions-Industries", Organized by KJSCE, 2nd to 3rd April 2024
2. Attended one week online FDP on "AWS Cloud Fundamental and Services", Organized by Sinhgad Institute of Technology, Lonawala, 27th to 31st March 2024
3. Attended one week online FDP on "Cloud Infrastructure (AWS)", Organized by KJ Somaiya Institute of Technology, Sion, 21th - 25th August 2023
4. Attended six days STTP on "DevOps Engineering Remove the Barriers Between Traditional Development & Operations" Organized by Ramrao Adik Institute of Technology, Navi Mumbai, 2nd - 7th January 2023
5. Attended three days training program on "ArcGIS Pro: Geographic Information System" Organized by IEEE GRSS Bombay Chapter in association with K.J. Somaiya College of Engineering, 3rd - 5th August 2022
6. Attended one week online FDP on "Data Visualization using Tableau and Power BI and Rubiscape" Organized by MIT ADT University, Pune, 06th - 10th July 2021
7. Attended Tech-Talk Session on "Simulation Approach To Research" in KJSCE, October 6th April 2021
8. Attended Tech-Talk Session on "Reference Management: An effective way of managing references for research work" in KJSCE, October 13th March, 2021
9. Attended Tech-Talk Session on "Writing Effective Emails" in KJSCE, October 21st January, 2021
10. Attended online Webinar on "Post Covid Challenges: What industry expects from Academia?", January 8th 2021
11. Attended online STTP on "Research Methodology and Computational Techniques (RMCT-2020) Phase-2" organized by YCCE, December 2020
12. Attended online STTP on "Cyber and Network Security Infrastructure and configurations" organized by BVCE, December 2020
13. Participated online Quiz on "Computer Security Awareness Quiz", November 30th 2020
14. Attended online Webinar on "Internet of Things", July 19th 2020
15. Attended online Webinar on "Quantum Computing", July 16th 2020.
16. Attended online Webinar on "Cyber Security", July 14th 2020
17. Attended online Webinar on "Artificial Intelligence", July 13th 2020.
18. Attended online STTP on "Resent trends in Data Science and Information Security" organized by RAIT, June 22nd- 26th 2020
19. Attended online webinar on "How to write and publish 50,000 research and conference papers effective and efficiently using TYPESET research studio", June 22nd 2020
20. Attended online Webinar on "Cyber Law", June 5th 2020
21. Attended online Webinar on " Pie & AI", June 4th 2020.
22. Attended STTP on "Driving Innovation with DevOps" in KJSIEIT, December 9th- 14th, 2019.
23. Attended workshop on "Engineering Ethics" in KJSCE, November 15th, 2019.
24. Attended Tech-Talk Session on "Hands on Heroku and Google cloud" in KJSCE, October 18th, 2019.
25. Attended Tech-Talk Session on "Engineering Education Research" in KJSCE, October 4th, 2019.
26. Attended Training on "Immunity Canvas" in KJSCE, July 26th, 2019.
27. Attended STTP on "Artificial Intelligence, Machine and Deep Learning: Hands On" in KJSIEIT, June 24th- 29th, 2019.
28. Attended one day Workshop on Python "Teaching Learning Centre (ICT) A-view by IIT Bombay" in Terna College of Engg., 22nd June, 2019
29. Attended two days workshop on " IUCEE International Engineering Educator Workshop", in KJSCE, December 18th-20th , 2018
30. Attended training program on " Leadership Development Program for building institutional Leadership", in KJSCE, January 2018 to October 2018
31. Attended one day workshop on " Tensorflow & React Native", in KJSCE, October 13th, 2018

32. Attended two days training program on "Burp Suite- Web Application Tool", in KJSCE, September 4th- 5th, 2018
33. Attended two weeks Faculty Development Program on "Innovative Teaching Learning Practices to Achieve Outcome Based Education and Accreditation", in SPIT, May 3rd to 9th 2018
34. Attended two days' workshop on "Wireless Sensor Network and IoT", in KJSCE, February 8th- 9th, 2018
35. Attended two days' workshop on "Effective Research Methodology", in Terna Engineering College, Nerul, January 5th- 6th, 2018
36. Attended two days FDP on "Security Audit Training", in KJSCE, December 2nd to 3rd, 2016
37. Attended two day workshop on "Frameworks", KJSCE, March 5th and 19th. 2016.
38. Attended one day workshop on "Internet of Things", VJTI, January 8th. 2016.
39. Attended one day Faculty Development Program on "Overview of Big Data and Hadoop Component", SPIT, July 7th. 2015.
40. Attended Short Term Training Program on "Parallel Processing and Big Data Analytics, SPIT, June 29th - July 10th, 2015.
41. Attended Faculty Development Program on "Recent advances in Big Data Technologies", KJSIT, 4th May - 8th May, 2015.
42. Attended Training Program on "Essentials of Software Testing and Quality Assurance", KJSCE, 9th-12th January 2014.
43. Attended ISTE workshop on "Aakash for education" in KJSCE, November 10th- 11th, 2012.
44. Attended ISTE short term training program on "Gamimg architecture, Design and Programming" in Fr.C. Rodrigues Institute of Technology, Vashi, January 10-14, 2011.
45. Attended I.S.T.E Workshop on "Database Management System" in KJSCE Dec 13-23, 2010.

Organized

Guest Lectures

1. Organized guest lecture on "Cloud Security" in KJSCE, January 2023
2. Organized guest lecture on "DevOps: An Industry Perspective", November 2022
3. Organized guest lecture on "Cloud Security" in KJSCE, January 2022
4. Organized guest lecture on " CI/CD Pipeline using Maven, Github, Jenkins, Docker and AWS" in KJSCE, November 2021
5. Organized Hands-on session on "Microsoft Azure Studio for Machine Learning" in KJSCE, February 2021
6. Organized guest lecture on " Cloud Security" in KJSCE, January 2021
7. Organized seminar on "Game Development Trends and Opportunities", in KJSCE, March 2020
8. Organized Tech-Talk Session on "Details of Statement of Purpose (SOP) for PhD proposal" in KJSCE, September 6th, 2019.
9. Organized seminar on "Applications of Data Mining", in KJSCE, April 9th, 2019
10. Organized seminar on " Deep thinking in Artificial Intelligence- An innovative approach", in KJSCE, October 10th, 2018

Internships

1. Mentored Internship on "IOT Application Development", KJSCE, June 2021
2. Mentored Internship on "Unreal Game Engine" Organized by ROBOCON, KJSCE, July 2020
3. Mentored Internship for TY students on "DevOps, Agile process development", KJSCE, January 2020
4. Mentored Internship for SY students on "Machine Learning using Python and Jupyter Notebook", KJSCE, July 2019
5. Mentored Internship for TY students on "WordPress Development", KJSCE, January 2018

Delivered

1. Delivered Hand Holding session on "Cloud Computing", EXTC, KJSCE, March 17, 2023.
2. Delivered Syllabus Orientation session on " Animation and Gamming", R. H Sapat College of Engineering Management Studies and Research, Jan 2021
3. Delivered Session on "DevOps for Rapid Software Development", IT, KJSCE, Feb 2020

4.	Delivered Lecture and conducted Tutorial on "Application of Mathematics in FY B Tech.", KJSCE, Oct 2019
5.	Delivered Lecture and conducted Tutorial on "Application of Mathematics in FY B Tech.", KJSCE, Oct 2018

	Notable Positions and Responsibility
1.	Working as Dept. Coordinator of Criteria-1 committee since July 2017
2.	Working as Member of ESE Squad committee since July 2020
3.	Working as Member of Anti-Ragging and Student Disciplinary committee since July 2022
4.	Working as Institute level Department Faculty documentation since July 2021
5.	Working as Lab Audit Department member since July 2022
6.	Worked as Member of IRRC committee since July 2020 to June 2023
7.	Audited Department TY ISE 2022-23, 2023
8.	Worked for VII Pay fixation calculation, 2021
9.	Worked as Associate Head of Department from August 8, 2017 to 30th June 2021
10.	Worked as Internship Committee member since September 2020 to June 2021
11.	Worked as Department Purchase committee since August 2017 to June 2021
12.	Worked as IDC coordinator from 2016 to June 2017
13.	Worked as Departmental Test Committee from 2013 to June 2017
14.	Worked as News Letter Committee from 2013 to June 2017
15.	Worked as Minutes of Meeting Committee from 2013 to June 2017
16.	Handled Responsibility of Form Verification from 2002 to 2012 for First Year Engineering Admission.
17.	Worked as member of Local Managing Committee form 2007 to 2012
18.	Life Member of Indian Society of Technical Education, New Delhi, India.

Date: 12/10/2024   **Signature of Faculty Member**