



## Department of Computer Engineering

### Faculty Profile

#### Dr. Anilkumar J Kadam

PhD (Computer Science and Engineering Pursuing)  
Assitant Professor



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[kadamanilkumar123@gmail.com](mailto:kadamanilkumar123@gmail.com)

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🌐 <https://scholar.google.com/citations?user=WnujHrkAAAAJ&hl=en>

🌐 <https://www.linkedin.com/in/anilkumar-kadam-187818112/?originalSubdomain=in>

🌐 [https://www.researchgate.net/profile/Anilkumar\\_Kadam](https://www.researchgate.net/profile/Anilkumar_Kadam)

🌐 <https://vidwan.inflibnet.ac.in/profile/185670>

🌐 [Anilkumar J Kadam - AD Scientific Index 2024](#)

#### Research Areas / Areas of Interest

Data Science, Big Data Mining, Data Mining, Big Data Mining, Cloud Computing, Parallel Processing etc.

#### Personal Details

**Date of Birth :** 11 / 12 / 1972

**Domicile:** Maharashtra

**Gender :** Male

**Blood Group:** A+ve

**Contact Details:** SN-61, HN-561/4, Sainagar, Lane-19, Opp. Salve  
Garden, Kondhwa (Bk), Pune – 411048.

## Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D.	Computer Science and Engineering	SRTMU Nanded	--	Dec 2022
2	M.Tech.	Computer Engineering	Pune	I <sup>st</sup>	Dec. 2012
3	B.E.	Computer Engineering	SRTMU Nanded	I <sup>st</sup>	July 2002

## Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	20	00
2	Research	08	00
3	Industry	02	8
4.	Others	08	--
<b>Total</b>		<b>30</b>	

## Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Computer Network	UG	TE (Computer Engineering)	07
2	Cloud Computing	UG	BE (Computer Engineering)	02
3	Web Mining	PG	ME (Computer Engineering)	03
4	Data Mining Technique	UG	TE (Computer	01

	and application		Engineering)	
5	Advanced Computer Architecture	PG	ME (Computer Engineering)	03
6	Advanced Computer Network	PG	ME (Computer Engineering)	01
7.	Operating System Design	PG	ME (Computer Engineering)	01
8	Neural Network	UG	BE (Computer Engineering)	01
9	Design Analysis and Computer Network	UG	BE (Computer Engineering)	01
10	Distributed Operating System	UG	BE (Computer Engineering)	04
11	Object Oriented Modeling and Design	UG	BE (Computer Engineering)	09
12	Discrete Mathematics	UG	SE (Computer Engineering)	04
13	Data Mining	PG	BE (Computer Engineering)	01
14	Relational Visual and Programming language	UG	TE (Computer Engineering)	03
15	Advance database management system	UG	BE (Computer Engineering)	01
16	Software Modeling and design	UG	TE (Computer Engineering)	05
17	Language Proficiency-II	UG	BE (Computer Engineering)	02
18	Language Proficiency-I	UG	BE (Computer Engineering)	01
19	Computer Network and Security	UG	TE (Computer Engineering)	01
20	Data Science and Big Data	UG	TE (Computer Engineering)	03

	Analytics		Engineering)	
21	Object Oriented and Modeling Design	UG	BE (Computer Engineering)	04
22	Data Preparation Analytics	PG	ME (AI and DS)	04
23	Constituion of India	PG	ME (Computer Engineering)	01
24	Neural Network	PG	ME (AI and DS)	02

### Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
<b>Journals</b>	00	38	00	38	01
<b>Conferences</b>	08	-	08	04	--

### Publication Details (Journals)

Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
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Network Intrusion Detection System Using Stacking of Heterogeneous Base Learners	D. P Gaikwad 1*, A. J Kadam2		Journal of Network Security Computer Networks	e-ISSN: 2581-639X, Vol. 10, Issue 1 (January – April, 2024) pp: (35-43)	MAT Journals 2024.
Study of Customer Shopping Trends Analysis	Dr Kadam Anil Kumar J1, Kapse Sayali2	Volume: 08 Issue: 03   March - 2024	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 08 Issue: 03   March - 2024 SJIF Rating: 8.176 ISSN: 2582-3930	ISSN: 2582-3930	International Journal of Scientific Research in Engineering and Management
A Review on Comparative Study of Popular Data Visualization Tools	Dr. Anilkumar J. Kadam, Kishorkumar Akhade	2024	<a href="https://alochana.org/">https://alochana.org/</a> DOI:20.14118. AJ.2024.V13I4 .2343	ISSN:2231-6329	Alochana Journal (UGC)
Exploratory Data Analysis on “Crime against Women in India from year 2001–2021	Dr Kadam Anil Kumar, Sundrani Roshni	2024	<a href="https://alochana.org/">https://alochana.org/</a> DOI:20.14118. AJ.2024.V13I4 .2335	ISSN:2231-6329	Alochana Journal (UGC)
Predictive Analysis and Insights from Bigg Boss India: A Multi-Language	Dr. Anilkumar J. kadam, Murfahad	2024	<a href="https://alochana.org/">https://alochana.org/</a> DOI:20.14118. AJ.2024.V13I4	ISSN:2231-6329	Alochana Journal (UGC)

Show	Shikalgar		.2327		
Analyzing the Relationship Between Gold Exchange-Traded Funds (ETFs) and Refined Gold Futures	Dr. Anilkumar J. Kadam, Amey V. Borade	2024	<a href="https://alochana.org/">https://alochana.org/</a> DOI:20.14118. AJ.2024.V13I4 .2322	ISSN:2231-6329	Alochana Journal (UGC)
Study of Online Retail Marketing	Dr. Anilkumar J. Kadam, Pranita V. Shitole	2024	<a href="https://alochana.org/">https://alochana.org/</a> DOI:20.14118. AJ.2024.V13I4 .2320	ISSN:2231-6329	Alochana Journal (UGC)
Conceptual Analysis of India-VIX to Determine the Buying Opportunities and Risk Management	Dr. Anilkumar J. Kadam, Ravina Karmankar	2024	<a href="https://alochana.org/">https://alochana.org/</a> DOI:20.14118. AJ.2024.V13I4 .2317	ISSN:2231-6329	Alochana Journal (UGC)
Net Zero Carbon Emission (UGC)	Dr. A.J.Kadam, Harshad Jathot, Sneha Gavali, Chinmayee Atre,	2024	<a href="https://alochana.org/">https://alochana.org/</a> DOI:20.14118. AJ.2024.V13I4 .2324	ISSN:2231-6329	Alochana Journal (UGC)

	Rohan Khandeka r, Krishna Shelke				
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Classification and Clustering of Forest Cover Type Dataset	Anilkumar J. Kadam	2024	www.isteonline. in Vol. 47 No. 1 January-March 2024	ISSN 0971- 3034	INDIAN SOCIETY FOR TECHNICAL EDUCATION
A Hybrid Task Scheduling for Use in Grid Computing	Anilkumar J. Kadam	2024	www.isteonline. in Vol. 47 No. 1 January-March 2024	ISSN 0971- 3034	INDIAN SOCIETY FOR TECHNICAL EDUCATION
DATA  ANALYTICS AND PREDICTIVE INSIGHTS IN BLOCKCHAIN- BASED  SUPPLY CHAIN MANAGEMENT WITH CLOUD	Anilkumar Kadam*1 , Rutuja Shinde*2	08/02/2 024	IRJMETS/Cer tificate/Volum e 06/Issue 02/60200015 085	e-ISSN: 2582-5208	Internationa l Research Journal Of Modernizati on  in Engineering Technology and Science
Stqacked Classifier for Network intrusion detection system	A J KAdam	2023	Recent Advanced in Material Manufacturin g and machine learning	978100335 8596	CRC Press Taylor and Francis
Water Quality Monitoring Model Using Machine Learning	Dr. A J Kadam etc	2023	Computer Integrated Manufacturin g System	1006-5911	Computer Integrated Manufactur ing System <b>Scopus</b>
Water Quality Monitoring Model using	Prof. A. J. Kadam1	Decemb er 2022	(IJARSCT)	ISSN (Online) 2581-9429	Internationa l Journal of Advanced Research in



Machine Learning	, Alex Sunny2 , Mitali Admuthe3 , Atharva Bhosale4 , Aashay Bhujbal5				Science, Communication and Technology (IJARST)
Data Storage Security in Cloud Computing Using Aes Algorithm and Md5 Algorithm	Kadam AK, Varma V, Patil S, Patil M, Patil M.	2022	<a href="https://smsjournals.com/index.php/SAMRIDDHI/article/view/2929">https://smsjournals.com/index.php/SAMRIDDHI/article/view/2929</a> More Citation Formats <a href="https://doi.org/10.18090/samriddhi.v14spli02.17">https://doi.org/10.18090/samriddhi.v14spli02.17</a>	2229-7111 (P), 2454-5767 (E)	A Journal of Physical Sciences, Engineering and Technology (2022);
Data Storage Security in Cloud Computing Using AES Algorithm and MD5 Algorithm	Vaibhav Varma, Mohit Patil, Sonal Patil, Madhuri Patil, Anilkumar Kadam	2022	<a href="https://doi.org/10.22214/ijrase.t.2022.43570">https://doi.org/10.22214/ijrase.t.2022.43570</a>	2321-9653	International Journal for Research in Applied Science ..., 2022 (UGC Care)
Design of Framework for Aggregate Key Sharing Mechanism in Cloud Environment	Mr Anilkumar J Kadam, KC Jondhale	2022	<a href="http://www.gdzjg.org/index.php/JOL/article/view/298">http://www.gdzjg.org/index.php/JOL/article/view/298</a>	1005-0086	Journal of Optoelectronics Laser (Scopus)
Design of framework for multi-objective workflow planning	Mr Anilkumar J Kadam,	2022	<a href="https://doi.org/10.53730/ijhs.v6nS1.6423">https://doi.org/10.53730/ijhs.v6nS1.6423</a>	ISSN 2550-6978 E-ISSN 2550-696X ©	International Journal of Health

for IaaS platform in cloud environment	KC Jondhale			2022	Sciences ISSN 2550-6978 E-ISSN 2550-696X © 2022(Scopus)
Remote Sensing Big-Data Classification with Support Vector Machine.	Mr Anilkumar J Kadam, KC Jondhale	2021	Turkish Online Journal of Qualitative Inquiry	e-ISSN 1309-6591	Turkish Online Journal of Qualitative Inquiry(Scopus)
DATA HIDING UNDER QR CODE USING VISUAL SECRET SHARING	AJ Kadam, Piyush Patil, Pratik Ware, Suraj Kutaskar, Viraj Divekar	2021		2456-0774	International Journal of Advance Scientific Research and Engineering Trends
F2C formers	A Kadam at.el.	2020	International Journal for Scientific Research and Development	ISSN: 2321-0613	IJSRD
ONLINE PUBLIC DISGRACING VIA SOCIAL NETWORKING USING	A Kadam at.el.	2020	-	-	-

MACHINE LEARNING FRAMEWORK					
NATURAL DISASTER MONITORING ALERT USING IOT	Ms.Komal Janardhan Kawat, Mr. A. J. Kadam	2019/6/6	Journal of Emerging Technologies and Innovative Research	ISSN:23495162 Volume 6 Issue Issue 6	JETIR
EARLY STAGE DISEASE DETECTION SYSTEM	Mr. A.J.Kadam Pooja Hande	2019/3/1	International Journal of Research and Analytical Reviews (IJRAR)	E-ISSN 2348-1269, P- ISSN 2349-5138 Volume 6, issue:1,page s 5	IJRAR
NATURAL DISASTER MONITORING ALERT USING IOT	Ms.Komal Janardhan Kawat, Mr. A. J. Kadam	2019/3/1	International Journal of Research and Analytical Reviews (IJRAR)	E-ISSN 2348-1269, P- ISSN 2349-5138 Volume 6, issue:1,page s 5	IJRAR
EARLY STAGE DISEASE DETECTION SYSTEM	Mr. A.J.Kadam Pooja Hande	2019/6/6	Journal of Emerging Technologies and Innovative Research	ISSN:23495162 Volume 6 Issue Issue 6	JETIR
SMART BUS FOR SMART CITY USING IOT TECHNOLOGY	Mr. A J Kadam1, et. al	2018/1	Journal of Advanced Research in Computer and Communicatio	Volume 7,issue 1, Pages 180-184.	IJARCCE

			n Engineering		
KEY AGGREGATE SEARCHABLE ENCRYPTION ON FOR SHARING THE DATA ON MULTI CLOUD	R. U. Patil*1 and Prof. A. J. Kadam	July 2017	International Journal OF Engineering Sciences & Management Research.	ISSN 2349-6193	IJESMR
MULTI-OBJECTIVE WORKFLOW SCHEDULING IN AMAZON EC2	P. P. Madulkar *1 and Prof. A J Kadam2	July 2017	International Journal OF Engineering Sciences & Management Research.	ISSN 2349-6193	IJESMR
MULTI-OBJECTIVE WORKFLOW SCHEDULING IN CLOUD USING GENETIC ALGORITHMS	Prof A.J. Kadam and Pradnya Pradeep Madulkar	2017/7	International Journal of Computer & Mathematical Sciences	ISSN 2347 – 8527 volume 6, issue-7, pages-102-118	IJCMS
MOBILE WEB BASED ANDROID APPLICATION FOR COLLEGE MANAGEMENT SYSTEM	A.J.Kadam 1,et.al	Feb. 2017	International Journal Of Engineering And Computer Science	ISSN: 2319-7242 Volume 6 Issue 2	IJECS
CLOUD TECHNIQUE	R. U. Patil and	February 2017	International Journal of	ISSN(Online): 2320-9801	IJRCCE

FOR AGGREGATE KEY SHARING MECHANISM,	Prof. A. J. Kadam		Innovative Research in Computer and communication Engineering	ISSN (Print): 2320-9798	
MULTI-OBJECTIVE WORKFLOW SCHEDULING IN AMAZON EC2	P. P. Madulkar and Prof. A. J. Kadam	February 2017	International Journal of Innovative Research in Computer Communication Engineering	ISSN(Online): 2320-9801,ISSN (Print): 2320-9798	IJIRCCE.
AN EFFICIENT SCHEDULING AND LOAD REBALANCING STRATEGY IN DFS WITH EXCELLENT SECURITY MECHANISM	Miss. Priyanka A. Dhande and Prof. A. J. Kadam	2016	<i>International Journal of Engineering Applied Sciences and Technology</i>	ISSN No. 2455-2143, Vol. 1, Issue 9, Pages 131-135	IJEAST
EFFECTIVE BUG TRIAGE USING COLD-START RECOMMENDATION SYSTEM	Rajusekhar Alle, et.al	March 2016	International Journal of Computer Science and Engineering	ISSN: 2455-6661 Volume-2   Issue-3	IJRDO
OBTAINING APPROXIMATION USING MAP REDUCE BY COMPARING	Prachi Patil and Anilkumar Kadam	September 2015	International Journal of Recent and Innovation Trends In	Volume 3, Issue 9	IJRITCC

INTER-TABLES			Computing and Communication		
CLUSTER ORIENTED OPTIMIZED CLOUD TASK SCHEDULING STRATEGY USING LINEAR PROGRAMMING	Anilkumar Kadam and Mahesh S. Shinde	October 2015	International Journal of Computer Applications	ISSN (0975-8887) Volume 128 No.8, Volume 128 Pages 26-31.	IJCA
CLOUD BASED TASK SCHEDULING USING FUZZY C-MEANS AND LINEAR PROGRAMMING APPROACH	Mahesh S. Shinde <sup>1</sup> and Anilkumar Kadam	July 2015.	International Journal of Science and Research	ISSN (Online): 2319-7064 Volume 4 Issue 7	IJSR
SURVEY OF RECENT TASK SCHEDULING STRATEGIES IN CLOUD COMPUTING	Mahesh S. Shinde <sup>1</sup> and Anilkumar Kadam	November 2014	International Journal of Advanced Research in Computer Science and Software Engineering	ISSN: 2277 128X Volume 4, Issue 11	IJARCSSE
CLOUD BASED CENTRALIZED PLATFORM FOR API TESTING	Prof. Anil Kadam <sup>1</sup> , et. al	January 2014	<i>International Journal of Application or Innovation in Engineering &amp;</i>	ISSN 2319 – 4847, Volume 3, Issue 1	<i>IJAIEM</i>

			<i>Management</i>		
WLAN MONITORING USING ANDROID MOBILE PHONE	Prof. Anil Kadam1, et. al	January 2014	<i>International Journal of Application or Innovation in Engineering &amp; Management</i>	ISSN 2319 4847, Volume 3, Issue 1, Page 418.	<i>IJAIEM</i>
<i>INFRINGEMENT PRECLUSION SYSTEM VIA SADEC: STEALTHY ATTACK DECTION AND COUNTERMEAS URE</i>	Prof. Anil Kadam, et. al	January 2012	International Journal of Peer to Peer	The Internationa l Institute for Science, Technology and Education (IISTE) Vol.3	IJP2P
<i>HIGH PERFORMANCE CLUSTER ARCHITECTURE S</i>	Mr. A J Kadam and Prof. S U Ghumre	2011	<i>International Journal of Engineering and ResearchAppli cation</i>	ISSN:2248- 9622 Vol. 1, Issue 2, PP.117-121.	(IJERA

### Publication Details (Conferences)

Document Details	Auth ors	Year	Conference Details	ISBN	Organi sed by
Data Storage Security in Cloud Computing Using AES Algorithm and MD5 Algorithm	Kada m AJ, Varma V,	2022	NCIET-2022		AISSM SCOE

	Patil S, Patil M, Patil M.				
SCHEDULING TASKS IN GRID COMPUTING ENVIRONMENTS	A J Kadam 1, V. Thool2	2016	ICCASP/ICMMD- 2016. Advances in Intelligent Systems Research. Vol. 137, Pp. 342-348. © 2017- The authors. Published by Atlantis Press	-	BATU
FUTURE WEATHER PREDICTION USING GENETIC ALGORITHM AND FFT FOR SMART FARMING	Sneha S. Guma ste and Anilk umar Kada m	Date of Conference: 12-13 Aug. 2016,Date Added to IEEE <i>Xplore</i> : 23February 2017,Electro nic	Conference: 12- 13 Aug. 2016,Date Added to IEEE <i>Xplore</i> : 23F ebruary 2017	ISBN: 978-1- 5090- 3291-4	Pune India
NEW APPROACH FOR LOAD REBALANCER , SCHEDULER IN BIG DATA WITH SECURITY MECHANISM IN CLOUD	Priyan ka A Dhand e, AJ Kada m	2016	2016 IEEE International Conference on, pages 247-250, IEEE Pune.2-3 Dec 2016	(ICAEC CT	Pune



ENVIRONMEN T					
<i>SPEECH ORIENTED COMPUTER SYSTEM HANDLING</i>	Anil J kadam , et. al	January 2012	International Computational Systems	7-8,2012 Dubai	ICICS Dubai
ADVANCE HIGH PERFORMAN CE CLUSTER ARCHITECTU RE	Mr. Anil Kada m,et. al	2010	International Conference and Workshop on Emergiing Trends in Technology	-	Thkur College of Engine ering Mumba i
INNOVATION 2008-09	Mr A J Kada m	17 <sup>th</sup> and 18 <sup>th</sup> Nov. 2008	University of Pune Board of college & university development Regional Conferences.	-	Pune universi ty College Teacher s held at SCOE, Pune
SAS Asia- Pacific ACADEMIC USER GROUP	Mr A J Kada m	2006	Conference 2006 on IIT Pawai Mumbai 2006	-	IIT Pawai Mumba i

**PhD / ME / BE Student Guided for Project**

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	09	40

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## ME Student Guided for Project

Sr.No.	Name of the Student	Area	Title or topic	Year of Passing
1	Mahesh Shinde	Distributed System and Cloud Computing	Cloud Based Task Scheduling Using Fuzzy C-Means and Linear Programming Approach	2014
2	PrachiPatil	Big Data Mining Hadoop	Obtaining Approximation using Map Reduce by Comparing Inter-Tables	2014
3	Priyanka Badwai	Cloud Computing and Network Security	Third Party Security of Cloud Computing	2014
4	Priyanka Dhande	Big Data Mining and Cloud Computing	Load Re-balancing and Scheduling for Big Data in Cloud Environment	2016

5	Snehal Gumste	Cloud Computing	A smart farming Approach:Using Cloud FFT Methodology	2016
6	Rohini Patil	Cloud Computing	Aggregate Key Sharing Mechanism for Sharing Data via Cloud Storage	2017
7	Pradhnya P. Madulkar	Cloud Computing	Multi-Objective Workflow Scheduling in Amazon EC2	2017
8	Ms.Komal Janardhan Kawat	Forecasting	Natural Disaster Monitoring Alert Using IOT	2020
9	Pooja Hande	Social	EARLY STAGE DISEASE DETECTION SYSTEM	2020

## BE Student Guided for Project

Sr.No.	Name of the Student	Area	Title or topic	Year of Passing
1	B80214202 B80214216 B80214229 B80214270	Cloud Computing	Platform for API Testing as a Service on Cloud	2013-14
2	B80214205 B80214255 B80214263 B80214274	WLAN- Networking/ Android	WLAN Monitoring using Android Phone	2013-14
3	Pravin Gaikwad Saurabh Agrawal Pavan Chaudhari Rahul Agarwal Ramesh Kumar	Network Security	Big Data Analysis framework for Threat Detection and Network Security	2014-15
4	B120214209 B120214271 B120214282	Artificial Intelligence	Quadcopter Design & Fabrication	2015-16
5	B120214205 B120214207 B120214394	Data Mining	Towards Effective bug triage using software data reduction techniques	2015-16
6	Gauri Patange Saba Desai	Operating System	Android application for	2016-17

	Rajlakshmi Khese Sharwari Awate		visually impaired users	
7	Srujana Tankala Aradhana Singh P Riyanka Nichit Komal Jagtap	Data Base	College administrative work through mobile web based application using Secure Random algorithm for Information Security	2016- 17
8	Pooja Kacha Heena Khachane Gulnar Shaikh Pranjali Shinde	Network	Monitoring LAN user wirelessly by Android mobile based on ClientServer mode	2016- 17
9	Dhanshree Patil Virendra Patil Kapish Kaith Shambhavi Bendre	Machine Learning	Smart Bus tracking	2017- 18
10	Rohit Ghotale Pradnya Shetty Dhonde Pooja Hemant Bhatt	Network	Location Based Searching Techniques	2017- 18
11	Vaibhav Wadekar Neha Pawar Goraksha Vedpathak	Cloud Computing	Run Time Load Balancing in	2017- 18

	Satyam Thorat		Docker Containers	
12	Akshay Goyal Richard Roy Devanand Galande Tejas deshमुख	Android	Smart traffic lights for smooth traffic management	2018- 19
13	Anurag Tomer Kapil Mehta Nikhil Mhetre Amol Markad	Operating system	MultiROM Bootling on Android	2018- 19
14	Aditya Bajare Ajay Takale Rudram Bankewar	Machine Learning	Online Public Disgracing Detection Using Machine Learning	2019- 20
15	Gouri Karape Madhura Kulkarni Arpita Lokhande Aprna Mane	Social Application	A F2C (Farm to Customer) Trading Portal	2019- 20
16	PIYUSH PATIL PRATIK WARE SURAJ KUTASKAR VIRAJ DIVEKAR	Image Pocessing	REVERSIBLE SECRET IMAGE SHARING SCHEMA FOR QR CODE APPLICATIO N	2020-21

17	ARMAN ANGANI AMAN GANGANI SHRUTI KALE DIKSHITA JAIN	Social	Child Predator Detection System On Social Media	2020-21
18	Aditya Kamble Anuj Kadam Dhruv Shah Prathamesh Badgujar	ML / Data Science / Android / Web Developmen t	Farmers Protest - Stance Detection	2021-22
19	Vaibhav Varma Madhuri Patil Mohit Patil Mohit Patil	Cloud Computing + Web Developmen t	Data Storage Security in Cloud Computing Using Aes Algorithm and Md5 Algorithm	2021-22
20	Shah Dipesh Sanket Shinde Tanmay More Sahil Sarnaik	Social	TIMETABLE GENERATOR USING GENETIC ALGORITHM	2022-23
21	Alex Sunny Mitali Admuthe Atharva Bhosale Aashay Bhujbal	Social	Water Quality Monitoring Model using Machine Learning	2022-23

22	Harshad Jathot, Sneha Gavali, Chinmayee Atre, Rohan handekar, Krishna Shelke	Social	GreenEmission-Free Hub	2023-24
23				2023-24

### Professional Memberships

Professional Body	Level ( National/ International)	Type (Fellow/Life/Annual)	Membership No.
Institute of Engineer	National	Life Membership	<b>M-1592208</b>
Computer Society of India	-	31/03/2013 To 31/03/ 2016	N116608 F8000843
ISTE	International	Life Membership	M-14155
SESI	International	Fellow	LM4841
IETE	International	Fellow	F-502367
IAENG	International	Membership from 2019	227260
JOREM	Journal publication of International Research for Engineering and management of Editorial Board Member	Froam 2024	

### Patents / IPR Filed / Granted



S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1					

### Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number

### Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
1.	Research Proposal	2007-09	BCUD, Pune University, Pune	INR1.0 Lacs

### Details of Workshop / STTP / FDP / Seminar / Conferences Organized

S. No	Title	Type	Duration	Level (State/National/International)	Sponsoring Agency
01	Success and You	State	28 and 29 August 2020	State	AISSMSCOE
02	Webinar with Alumini Mr. Kunal Mahaurkar	State	May 2020	State	AISSMSCOE
03	Programming with C and C++	State	29th June 2000 to 19th July 2000	State	SGGS

04	Java Programming (Core and Advanced Java )	Sate	19th Jan 2001 to 5th March 2001	State	Electronics and Computer Science and Engg. Department in SGGSCOE&Tech. Nanded.
05	Workshop on Linux	Computer Department	One day 2006 and 2007	Computer Department	AISSMSCOE
06	Programming with C and C++	FDP	29th June 2000 to 19th July 2000	29th June 2000 to 19th July 2000	SGGS

### Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
1	Virtual Labs: Hands-on Outreach Workshop	Computer Networks	National	7 Oct 2020
2	Parikarma GOI COE Kashti	Virtual Lab	College	18 August 2020
3	Dattakala Group of Institute faculty of Engineering	Computer Network	College	1 day

### Details of Workshop / STTP / FDP / Conferences Attended

S.	Title	Type	Duration	Organizer	Sponsoring
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<b>N</b>					<b>Agency</b>
	EduYouth Meet	Natio nal	Feb-4, 2023	Gurudev Sri Sri Ravi Shankar	EduYouth
	One Day Online Faculty Orientation Program on “Laboratory Practice-IV”	Unive rsity Level	1 Day 3rd August 2022	Computer Engineering Department, MMIT Lohgaon, Pune-47	SSPU
	RESEARCH TOOLS FOR DATA SCIENCE	Natio nal Level	3 Day 29th - 31st March, 2022	Marathwada Mitra Mandal’s Institute of Technology, Lohgaon, Pune - 411047	
	“One Week Online STTP/Refresher Program on Project Based Learning”	Natio nal	BoS(E&TC) SPPU & ISTE 21/02/2022 to 26/02/2022.	AISSMSCOE BoS(E&TC) SPPU & ISTE New Delhi	AISSMSCO E
	International Conference on “Computing for Sustainable Global Development”,	Intern ationa l	3 days 23-25 march 2022	BVICAM New Delhi	
	“Augmented Reality & Virtual Reality”	Intern ationa l	21-25 June 2021	AISSMSCOE	Buds Engineering Academy Pune, Under IEEE Students Branch, Institution of Engineers(Indi a), Kolkata and ISTE, New Delhi
	“Software Based Case Studies for Development of	Natio nal	22nd to 26th of	Development Cell, AISSMS College Of Engineering, Pune,	
	Design Thinking: Aspirations for	Natio	29/11/2021 to	AISSMSCOE	AICTE Training and Learning

	Innovations	national	3/12/2021		(ATAL) Academy
	Webinar on Education for Anyone, Anytime and Anywhere: NEP2020 & Beyond	International	11 December 2021	BVICAM, New Delhi	
	Research on Academic Culture	National	11/26/2021	National Institute of Technical Teachers' training and Research , Bhopal	
	Introduction to IPR	National	13th Oct 2021.	Department Of Computer Engineering, AISSMS College Of Engineering, Pune,	
	"Two Days Hands-on Workshop on Machine Learning	National	31/08/2021 and 01/09/2021	Department of E&TC Engineering, AISSMS COE Pune	
	Webinar on 6G for a Hyperconnected Future	International	11 September, 2021	y BVICAM, New Delhi	
	"Benefits and Opportunities of Professional Students' Chapter	National	7/9/21	AISSMSIOT	
	One week online Webinar Series 2021-22	National	24/08/2021.	AISSMSCOE	
	Theory Of Computation	University	3rd August 2021	Bharati Vidyapeeth's	
	Webinar on Blockchain: A Game Changer Tech in the Pre and Post COVID World	International	31 July, 2021	BVICAM, New Delhi	
	World Environment Day 2021" - 28 July 2021	National	28 July 2021	AISSMSCOE	

	“KARGIL VIJAY DIWAS”	Natio nal		AISSMSCOE	
	ebinar on Quantum threat to Classical Cryptography and Post Quantum Cryptography (PQC)	Intern ationa l	24 July, 2021	BVICAM, New Delhi	
	IPR Strategy and cleantech Innovation	Natio nal	16 July 2021	Turnip Innovation pvt ltd	
	Financial Literacy	Natio nal	17 July 2021	AISSMSCOE	
	“Cycles - Proven way for Innovation & Entrepreneurship”	Natio nal	1 July 2021	AISSMSCOE	
	Role of Professional Students	Natio nal	26 June 2021	AISSMSIOT	
	Webinar on Research in Digital Age – Problems and Opportunities	Intern ationa l	26 June 2021	BVICAM, New Delhi	
	OBE-in persuit of academic excellent	Natio nal	24 June 2021	AISSMSCOE	
	Webinar on Communication in Crisis Management – How To Do It Right?	Intern ationa l	19 June 2021	BVICAM, New Delhi	
	Benefits and oppurtinities of student chapters in pandemans	Natio nal	12 June 2021	Shri sant Gajanan Maharaj COE	
	Intellectual Property Rights”	Natio nal	5 June 2021	AISSMSCOE	
	Be Placement Ready	Natio nal	1 June 2021	AISSMSCOE	
	Entrepreneurship as a Career Choice	Natio nal	28 May 2021	AISSMSCOE	
	Stress Management	Natio	23th May 2021	AISSMSCOE	

		nal			
	Webinar on The Art of becoming a Successful Team Leader for Global Organizations	Natio nal	22 May, 2021	AISSMSCOE	
	"Front End Development"	Natio nal	21 May,2021	AISSMSCOE	
	Awariness about Energy Conservation	Natio nal	20 May,2021	AISSMSCOE	
	Accelerating Digital Transformation in Challenging Times	Natio nal	17 May 2021	IETE, New Delhi	
	Spring Web Services	Natio nal	14 May 2021	AISSMSCOE	
	Webinar on Cloud Computing	Natio nal	19 February, 2021	BVICAM New Delhi	
	Virtual Industry Visit High level view of Internet Network	Natio nal	13 Feb 2021	AISSMSCOE	
	Webinar on Believing the Unbelievable – Technology for 2021	Natio nal	12 February, 2021	BVICAM New Delhi	
	UI Development	Natio nal	8 February, 2021	AISSMSCOE	
	Energy Efficient Techniques for 5G Wireless Communications	Natio nal	7-12 December 2020	PICT Pune	
	Technical Session	Natio nal	18 to20 December 2020	IET	
	Webinar on Digital Inclusion of Underserved Communities		18 December 2020	BVICAM New Delhi	

Webinar on AI in Everyday Life – Threat or Opportunity	National	4 December	BVICAM New Delhi	
Predictive Analytics Using Artificial Intelligence (STTP-PAUAI),	National	02-07, November 2020	NRI Institute of Technology, Agiripalli, Krishna	AICTE
Webinar on Optimization and AI Techniques	International	06 November, 2020	BVICAM New Delhi	
Internet of Things (SIoT-2020)	National	October 31, 2020	IET	
Logixcode Education and IETE Pune Section	National	26th Oct to 2nd Nov 2020	AISSMSIOT	
Machine Learning: Algorithms and Applications in Data Science	National	5 th October 2020 – 10th October 2020	Vishwakarma Institute of Technology, Pune.	
Webinar on Robotics in Everyday Life – Threat or Opportunity	National	23 October, 2020	BVICAM New Delhi	
Webinar on Publication Ethics and Plagiarism	National	16 October, 2020	BVICAM New Delhi	
“Evolution of Telecom Network - Landline to 5G”	National	6th October 2020	AISSMSCOE	
Webinar on National Education Policy (NEP)-2020	National	9 October, 2020	BVICAM New Delhi	
Webinar on Virtual Reality and Augmentation	International	03 October, 2020	BVICAM New Delhi	
Webinar on Cyber Warfare, Cyber Security and Cyber Citizenship	International	18 September, 2020	BVICAM New Delhi	
Cyber Security Case Studies	National	15-9-2020	AISSMSCOE	

		nal			
	"Engineers for a Self Reliant India	Natio nal	15th September 2020	AISSMSCOE	
	Software Testing	Natio nal	14 Septe mber 2020	AISSMSCOE	
	Webinar on Robotics and Automation Processes	Natio nal	12 September, 2020	AISSMSCOE	
	Advances in technology evolving new dimention in e-society	Natio nal	6 September	JIS COE west Bengal	
	Prior art searching with Google patent	Natio nal	5 Steptember	Turnip pvt ltd	
	RENEWABLE ENERGY IN INDIAN UNIVERSITIES Solar Energy: An Agent of Change Series 2	Natio nal	6 Stepmber 2020	SOLAR ENERGY SOCIETY OF INDIA	
	Financial Nirvana	Natio nal	1 stepmber 2020	AISSMSCOE	
	Success and You	Natio nal	28-29 August 2020	AISSMSCOE	
	Webinar on "How to Write Technical Books?"	Intern ationa l	28 August, 2020	BVICAM New Delhi	
	Software Testing and Quality Assurance	Natio nal	23-8-2020	AISSMSCOE	
	Wireless communication 6G in future of IOT	Natio nal	12 August	SSGM COE Shegaon	
	"Introduction to Computers	Natio nal	July 03 to July 09, 2020	AISSMSCOE	MHRD
	Webinar on Citations and Reference Management using Mendeley		14 August 2020	AISSMSCOE	



	Advancement of research opportunities in electronics and telecommunication engineering	National	08 August 2020	AISSMSCOE	
	Webinar on Unleashing Data Science and AI	International	08 August 2020	BVICAM New Delhi	
	Webinar on COVID-19: Threat or Opportunity	International	01 August 2020	BVICAM New Delhi	
	How to Enrich online teaching & student Engagement	National	4 July 2020	IBS	
	International E-conference on Covid-19 Global Impact	international	20-21 July 2020	African British	
	Webinar on Simplifying IPR and Patent Filing	National	24 July, 2020	BVICAM New Delhi	
	Webinar on Blockchain – Technological Perspective	National	18 July, 2020	BVICAM New Delhi	
	“NAAC Process, Review & Reformation”	National	12th July 2020	AISSMSCOE	
	Design, Development & implementation of Project Methodologies	National	11th July 2020	AISSMSCOE	
	“Enhancing Quality Culture in Technical Institutes through Online Teaching for Outcome Based Teaching”	National	05th July 2020	AISSMSCOE	The Institution of Engineers (India), Kolkata
	Effective and efficient writing of research papers for web of science, Scopus indexed journal	National	01th July 2020	AISSMSCOE	

	and Conference papers using Typeset Research Studio				
	A Case Study on Application of Image and Video Processing in Defence	National	June 30, 2020	AISSMSCOE	
	Self reliance in Career and Exploring dimensions of life	National	27th to 28th June, 2020.	AISSMSCOE	
	e International E - Workshop on Angular JS	National	26th June 2020	NYCI & Brainovision Solutions India Pvt. Ltd	
	INTERNET OF VEHICLES	National	28th June 2020	Mahatma Gandhi Mission's College of Engineering, Nanded	
	Quiz on Chhatrapati Rajarshi Shahu Maharaj	National	26 June 2020.	AISSMSCOE	
	"Introduction to Outcome Based Education and Enhancing Quality of Teaching Learning Process	National	15/06/2020 to 19/06/2020	AISSMSCOE	
	Virtual Event of International Yoga Day-2020	National	21st June 2020.	AISSMSCOE	
	Technology in real life in Artificial Intelligence	National	7 June 2020	AISSMSCOE	
	Applications of IoT in Road Construction Industry	National	June 17, 2020	AISSMSCOE	
	Industry 4.0-Opportunities and Challenges	National	17th June 2020	AISSMSCOE	
	Digital Transformation	National	11th -13th June 2020	AISSMSCOE	
	"Skills to make you Interview Ready"	National	9th June 2020	AISSMSCOE	

	AWS Cloud Services And Their Usage	Natio nal	3rd June 2020	AISSMSCOE	
1	Linux(IIT Bombay Spoken tutorial) (One Week)	Natio nal	25 May 2020 to 29 May 2020	Pune Vidyarthi Griha's COE Pune	IIT Bombay
2	DIGITAL TRANSFORMATION(STTP)	Natio nal	11 to 13 June 2020	AISSMSCOE,Pu ne	
3	Online COVID-19 Awareness Program	Natio nal	3 May 2020	AISSMSCOE,Pu ne	
4	AWS Cloud Services And Their Uses.	Natio nal	3 June 2020	K J COE Pune	
5	National Level Quiz on Teaching Methodology	Natio nal	6 June 2020	MRT Bhujabal Knowledge City Nashik	
	Mobile Communication Quiz	Natio nal	12 June 2020	Parikarma G O I COE, Kashti.	
	Genius Code-Science of PEAK Performance	Natio nal	26 May 2020	AISSMSCOE	
	Re-Engineering The Supply Chain: Imperative for post Pandemic Scenario	Natio nal	7 June 2020	AISSMSCOE	
	Skills Make You Interview Ready	Natio nal	9 June 2020	AISSMSCOE	
	Carrier path and IT Technology in the Market	Natio nal	-	AISSMSCOE	
	Digital Marketing	Natio nal	5 June 2020	AISSMSCOE	
	Digital Disruptions Leading to Innovation in Business Model	Natio nal	31 May 2020	AISSMSCOE	
	Block Chain & Current	Natio	2 June 2020	AISSMSCOE	

	Developments in Ecosystem	national			
	Cyber Security	National	31 May 2020	AISSMSCOE	
	Modern Technology And Self Development	National	8-10 June 2020	AISSMSCOE	
	Education 4.0-Ensuring Continuity learning and Innovation through Digitalization	National	11-12 June 2020	Sinhgad Institute of Management	
	Principle of Programming Language Quiz	National	1 June 2020	AISSMSCOE	
	Advanced Digital Content creation Tool and Technique for Education	National	31 May 2020	AISSMSCOE	
	Webinar on Cyber Safety for Teacher	National	5-6 June 2020	Sanjivani Group of Institute Kopargao	
	Atmanirbharata: Possible Chances in Entrepreneurial Sprit	National	1 June 2020	AISSMSCOE	
	Faculty Awareness Programme on NBA Quiz	National	24 May 2020	D Y Patil School of Engineering and Technology	
	SAP Analytics Cloud (SAC)	National	12 May 2020	Sandip Institute of Management	
	Data Science with Machine Learning	National	26 May 2020	AISSMSCOE	
	Robotic Process Automation	National	14 May 2020	AISSMSCOE	
	Coffee and Conservation with Alumni	National	27 May 2020	AISSMSCOE	

	Information Security –Test Data Management	Natio nal	23 May 2020	AISSMSCOE	
	Online Quiz on Computer Network and Cloud Computing	Natio nal	26 May 2020	MET Institute of Engineering Nashik	
	Data Engineering, Data Analysis And Business Intelligence	Natio nal	23 May 2020	AISSMSCOE	
	Workshop on Data Science with Python (one Week)	Natio nal	11-15 May 2020	360 DigiTMG	
	Effective Ways for Technical Paper Writing	Natio nal	12 June 2020	Datakala Group of Institute	
	Intellectual Property (IP) Important of Individual Life and in a startup success & Gro	Natio nal	12 June 2020	K J COE Pune	
	Webinar on block chain- Technology Perspective	Intern ationa l	18 June 2020	BVICAM Delhi	
	NAAC Process, Process and reformation	Natio nal	12 July 2020	AISSMSCOE	
	Webinar on Internet of Thing	Intern ationa l	11 July 2020	BVICAM Delhi	
	Webinar on Design, Development & Implementation of Project Methodologies	Natio nal	11 July 2020	AISSMSCOE	
	Webinar on “Enhancing Quality Culture in Technical Institutes through Online Teaching for	Natio nal	5 July 2020	AISSMSCOE	

	Outcome Based Teaching”				
	International Yaga Day	Natio nal	21 Une 2020	ASSMSCOE	
	Webinar on “Effective and efficient writing of research papers for web of science, Scopus indexed journal and Conference papers using Typeset Research Studio	Natio nal	1 July 2020	AISSMSCOE	
	International Asteroid Day QUZI	Intern ationa l	7 July 2020	webx	
	webinar on “A Case Study on Application of Image and Video Processing in Defense”	Natio nal	30 June 2020	AISSMSCOE	
	Webinar Series “Self reliance in Career and Exploring dimensions of life	Natio nal	27-28 June 2020	PCCOE Pimpari Chinchwad	
	International Workshop on Angular JS	Intern ationa l	26 June 20202	Vishwa karma University	
	Internet of Vehicles	Natio nal	28 June 2020	MGM COE Nanded	
	“Quiz on Chhatrapati Rajarshi Shahu Maharaj”	Natio nal	26 June 2020	AISSMSCOE	
	“Introduction to Outcome Based Education and Enhancing Quality of Teaching Learning Process” (one eek)	Natio nal	15-19 June 2020	Govindrao Wanjari COE Nagpur	
	webinar on “Applications of IoT in Road Construction Industry”.	Natio nal	17 June 2020	AISSMSCOE	
	Medical Oxygen	Natio	27 June2020	AISSMSIOT	

	concentrate(Application and Hardware)	national			
	Virtual Lab	National	2017-18	PVG	
	Machine Learning in Python	National	2017-18	AISSMSCOE	
	Innovative Method of Teaching	National	2017-18	AISSMSCOE	
	IPR Workshop	National	2017-18	AISSMSCOE	
	Pedagogy Practices	National	2017-18	AISSMSCOE	
	Databases Management System V	National one Week	2016-17	VIT Pune	
	Big data Ming	National TWO Week	2016-17	Roorkee	
	Data Mining workshop	National	2015-16	AISSMSCOE	
	Innovative Method of Teaching	National	2014-15	AISSMSCOE	
	IPR Workshop	National	2014-15	AISSMSCOE	
	Soft computing workshop	National	2013-14	AISSMSCOE	
	FDP (Two Day)	National	2013-14	AISSMSCOE	
	Indo Germen	Natio	25-26 July	AISSMSCOE	

		nal	2013		
	Video Conference for Cyber security with Mahadkar Sir and Principal	Internationa l	2013	AISSMSCOE	
	Network Security Firewall	Natio nal	2013	Pride Hotel Shivaji Nagar	
	Kargil Day	Natio nal	26 July 2013	AISSMSCOE	
	Cyber Security and Law	Natio nal	11 12 September 2012 2 days	AISSMS IOT	
	B.E. Project Guidelines	Unive rsity	18 Sept 2011	SIT Narhe	
	Object Oriented Modeling and Design	Unive rsity	22nd and 23rd July 2011.	SCOE Vadgaon Pune	
	Matlab and Simulink	FDP	8th Nov. 2005	AISSMSCOE	
	10th Faculty Enablement Program on Foundational Computer Sc. Courses – An Industry Perspective	FDP	4th June to 16th June 2006	Infosys Pune	
	Workshop B.E. Computer Engineering (2003 Course) Syllabi Implementation Workshop for Computer Laboratory-I and Project	FDP	17th August 2006	SCOE, Pune.	
	Implementation of detailed Syllabus for the B.E. Computer Engg.- 2003 Course University of Pune	FDP	5th Feb 2007.	RSCOE, Tathwade Pune- 33	
	Implementation of Computer	FDP	20th Jan. 2006.	VITCOE, Pune	



	Network Laboratory				
	Information Security	FDP	2009	COE Pune Conducted by IBM Pune in 2007	
	Emerging Trends in Security in IT	FDP	5th to 6th March 2010	COE Pune	
	Cloud Computing	FDP	2010.	COE Pune IIT Mumbai Professors	
	Object-Oriented Analysis and Design Using the UML with Fundamentals of Rational Rose	FDP	28th Sept 2005 to 29th Sept 2005	AISSMSCOE Pune	
	Object Orientated Analysis and Design using "UML" with fundamental of Rational Rose	FDP	22nd April to 24th April 2008	AISSMSCOE Pune	

### Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	College Level Grievance Committee
2	College Level Prize Distribution committee Shivanjali
3	College Level Cultural Committee Shivanjali
4	Technical Event college level "Engineering Today"
5	College Level Central Committee
6	Lab Incharge for Linux Lab
7	Computer Center Incharge
8	Worked NBA criteria coordinator

9	NAAC Criteria III Coordinator
10	Department level Alumni Incharge
11	Paper setter at University Level
12	External and Internal Senior supervisor at University Level
13	SCOD committee member at university Level
14	Worked as Internet Incharge
15	Worked as Maintains Incharge
16	Worked as departmental coordinator Purchase Committee
17	Worked as Project Coordinator
18	Worked as Seminar Incharge
19	Worked as Time Table Incharge
20	Engineering Today Publicity Chairmen Worked
21	College Level Grievance Committee
22	College Level Prize Distribution committeeShivanjali

### Awards Received

S. No.	Awards
1	PhD Computer Science and Technology
2	PG Computer Engineering
3	PG Information Technology

**Declaration:** I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

**Prof A J Kadam**

(Name with Signature)