



Department of Computer Engineering

Faculty Profile



S J Pachouly

M E (Computer Engineering)

Assistant Professor

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Research Areas/ Areas of Interest

Cloud Security, Information Security, Computer Network,

Personal Details

Date of Birth : 10/02 / 1981

Domicile: Maharashtra

Gender : Female

Blood Group: B+ve

Contact Details: C 204 ,Roseland Residency,Pimple Saudagar 411027

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.E.	Information Technology	Pune	First Class	May 2011
2	B.E.	Computer Engineering	RGPV Bhopal	First Class	May 2002

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	16	01
Total		16	01

Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Computer Network	UG	TE	02
2	Information and Cyber Security	UG	BE	02
3	Cloud Computing	PG	BE	02
3	Object Oriented and Multicore Programming	UG	SE	01
4	Data Structures nad Problem Solving	UG	SE	01
6	Database Management	UG	TE	02
7.	Cloud Computing	PG	ME	02
8.	Fundamentals of Programming Languages I and II	UG	FE	06

9.	<i>Fault Tolerance System</i>	<i>PG</i>	<i>ME</i>	<i>02</i>
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	<i>National</i>	<i>International</i>	<i>State</i>	<i>SCI/Scopus Indexed</i>	<i>UGC Approved</i>
Research Publications					
Journals	02	10	00	02	03
Conferences	01	02	00		04

Publication Details (Journals)

<i>S. No</i>	<i>Document Details</i>	<i>Authors</i>	<i>Year</i>	<i>Source Details</i>	<i>ISBN/ISSN</i>	<i>Publisher</i>
1	Blockchain Based Fund Ra Splitter for Opensource Project	Shikha Pachouly, Punary Pawade et all	2023	Volume 12 Issue I Jan 2024- Available at www.ijraset.com IC Value: 45.98; SJ Impact Factor: 7.538	ISSN: 2321- 9653;	IJRASET
2	The Role of Explanability Driven Fashion Recommendation Model -	Mrs. Shikha J Pachouly, Aarya U Patil, Arpit P Zambare	2023	Volume 12 Issue I Jan 2024- Available at www.ijraset.com IC Value: 45.98; SJ Impact Factor: 7.538	ISSN: 2321- 9653;	IJRASET
3	Depression Detection of AI. Image and Text Using Mac Learning Technique	Mrs. Shikha Pachouly, Praveenkumar Saw, Pratik Nawale ,	2022	Volume: 06 Issue: 12 December - 2022 Impact Factor: 7.185 ©	ISSN: 2582- 3930	International Journal of Scientific Research in Engineering and Management (IJSREM)

4	Student general performance prediction using machine learning algorithm	1.Shikha Pachoul Shubham Zope Rupesh Rajpu	2022	Volume: 09 Issue: 1 2022 www.irjet.net	p-ISSN:	International Research Journal of Engineering and Technology (IRJET)
5	Man Machine Interaction in Autonomous Vehicles Volume 2, Issue 2, March 2022	1 Ajay Singh, Neha Agrwal, Shikha Pachou	2022	International Journal of Advanced Research in Communication and Technology (IJARSC)	ISSN (Or 2581-94	IJARSC
6	Prediction of House Price Machine Learning	Shikha Pachouly, Piyush Choradia et al	2022	International Journal of Research in Applied Engineering Technology -9653;	ISSN: 2321	(IJRASET) Volume 10 Issue II Feb 2022- Available at www.ijraset.com
7	Depression Detection on Twitter using Sentiment Analysis: A Machine Learning Approach	Prof. S. J. Pachouly1, Kshama Bute2, Gargee Raut3, Shruti Bhavsar4, Rushikesh Tambe5	May 2021	Research Journal of Engineering and Technology Volume: 08 Issue: 05 May2021 www.irjet.net	ISSN: 2395-0056 p-ISSN: 2395-0072	(IRJET)
8	Depression Detection on Social Media Network (Twitter) using Sentiment Analysis	Prof. S. J. Pachouly1, Gargee Raut2, Kshama Bute3	Jan 2021	International Research Journal of Engineering and Technology (IRJET) Vol 8 issue 1	e-issn 2395-0056 p-issn 2395-0072	(IRJET) Impact Factor 7.529 ISO 9001: 2008 Certified Journal
9	Implementation of Intelligent Model of Pneumonia Detection, using Deep Learning	Ms. Pallavi A Kanhere1, Mr. Vincent S. Dsouza2 Prof. Shikha Pachouly3	June 2021	International Research Journal of Engineering and Technology (IRJET) Volume: 08	e- IS SN : 23 95- 00 56	(IRJET) Impact Factor 7.529 ISO 9001: 2008 Certified Journal

				Issue: 06		
10	Implementation of Intelligent Model of Pneumonia Detection, using Deep Learning	Ms. Pallavi A Kanhere ¹ , Mr. Vincent S. Dsouza ² Prof. S. J. Pachouly ³	Dec 2020-	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 8 Issue XII	ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429	(IJRASET)
11	Implementation of Intelligent Model of Pneumonia Detection, using Deep Learning	Ms. Pallavi A Kanher e ¹ , Mr. Vincent S. Dsouza ² Prof. S. J. Pachoul y ³	June 2021	International Research Journal of Engineering and Technology Volume: 08 Issue: 06 www.irjet.net	e-ISSN: 2395-0056 p-ISSN: 2395-0072	(IRJET)
12	UID based Payment Interface	Reetik Mathankar ¹ , Vipul Karande ² , Rahul Hipparkar ³ ,Prof. Shikha Pachouly ³	2020	International Journal for Research in Applied Science & Engineering Technology Volume 8 Issue I, Jan 2020- Available at www.ijraset.com	ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.177	(IJRASET)

13	Payment Interface using Face Recognition	Reetik Mathankar 1 , Vipul Karande2 , Rahul Hipparkar 3 ,Prof. Shikha Pachouly3	2020	International Journal for Research in Applied Science & Engineering Technology Volume 8 Issue VI June 2020- Available at www.ijraset.com	ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429	(IJRASET)
14	UID based Payment Interface	Reetik Mathankar 1 , Vipul Karande2 , Rahul Hipparkar 3 , Prof. Shikha Pachouly3	Jan 2020	(IJRASET; IC Value: 45.98; SJ Impact Factor: 7.177 Volume 8 Issue I,	ISSN: 2321-9653	
15	Driver drowsiness detection using machine learning with visual behaviour	Shikha Pachouly1 ,Neha Bhondve# , Ashutosh Dalvi3	June 2020	International Journal of Creative Research Thoughts (IJCRT)	ISSN: 23320-2882.	
16	Video Steganography Using Encrypted Payload for Communication	Sneha BidkarPriyanka Gaikwad , Shweta Chousalka Prajakta AvhadProf. Shikha Pachouly5	May 2019	International Journal of Innovative Research in Science, Engineering and Technology	ISSN2319-8753	

17	A Survey on A Time-Specified Ciphertext-Policy Attribute-Based Encryption with circuit's Technique in Cloud Computing	Akash Labade, Shikha Pachouly	Dec 2017	International Journal of Innovative Research in Computer and Communication Engineering	ISSN 2320-9798	
18	Hindering data theft attacks through fog computing	Arbat Rashmi Vinod, Bhalke Sumit Sunildatta, Shikha J Pachouly	2016	IJRET: International Journal of Research in Engineering and Technology eISSN: 2319-1163 p	2321-7308	
19	Privacy preserving and detection of sensitive data over cloud	Pooja Pawar,Shikha Pachouly	2016	International Engineering Research Journal (IERJ) Volume 1 Issue 10 Page 1155-1158, 2015,	ISSN 2395-1621	
20	A robust and verifiable threshold multi authority	S KAttimani, Shikha Pachouly	2016	“International Journal of Innovative research in science Engineering and Technology Vol 5 issue 9	ISSN (Online) : 2319 – 8753 ISSN (Print): 2347 - 6710	

21	Data Security and policies in Cloud	Shikha pachouly ,Puneet Kasundharkar	2015	International journal of science and research Volume 3 issue 12 ISSN 2319-7064	ISSN-2319-7064	IJSR
22	Automated Identity based Approach to verify Data Possession in Public Cloud	Shikha Pachouly, pooja Nathu	2015	International Journal of Computer Applications(IJCA) (0975 – 8887) Volume 121 – No.21	0975-8887	IJCA
23	ID Based Automated Data Integrity Checking Model	Shikha Pachouly, pooja Nathu	2015	” International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) Volume 4 Issue 9,	ISSN-09759646	IJARCET
24	A Comparative Analysis of Provable Data Possession Schemes in Cloud”	Shikha Pachouly, pooja Nathu	2014	IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 5 (6) , 2014,.	7927-7931	IJCSIT

25	Load Balancing in Cloud Computing	Ankita Fale, Sagar Aghav, Shikha Pachouly	2014	IJARCSSE Volume 4, Issue 2, February 2014 Page 544	ISSN 2277-128X	IJCSIT
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Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Relational Design Patterns – An empirical study of Industry code.	S J Pachouly, H M Jadhav	2009	International conference ITECH - 2009	9789351072928	SCOE, Pune
2	“Integration of Legacy Applications Remote Procedure Call (RPC) as Services in Service Oriented Architecture(SOA)” [9th and 10th April 2010]	S.J.Pachouly and Prof.H.M.Jadhav	2010	NCPC2010	978-1-4673-4550-7	sponsored by IEEE, in Sinhgad College of Engineering. Pune
3	Automated data security provision in public cloud based on ID-RDPC	Shikha Pachouly	2015	Innovation 2017, PICT, Pune 15 nov 2017		PICT Pune

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
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Books Published	<i>No. of Student guided</i>	-	-	-
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Professional Memberships

<i>Professional Body</i>	<i>Level (National/ International)</i>	<i>Type (Fellow/Life/Annual)</i>	<i>Membership No.</i>
ISTE	International	Life	LM122575
IREF	International	Till Dec 2020	M-99876
IETE	International	Life	No :M-502327
SESI	International	Life	LM/2530/2021

Patents/IPR Filed/Granted

<i>S. No</i>	<i>Investigator Details</i>	<i>Title</i>	<i>Year</i>	<i>Status (Filed/Granted)</i>	<i>Details</i>

<i>S. No</i>	<i>Title</i>	<i>Name of the Publisher</i>	<i>ISBN/ISSN Number</i>
1	Fundamentals of programming language I F.E.(Sem I)	Success Publication	978-93-5158-421-6

Research Grants 1

<i>No</i>	<i>Funding Agency</i>	<i>Grant Amount</i>
	BCUD	
1.		

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

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
1	Successfully Organized an National Level Faculty Development Program on Cloud Infrastructure and AWS	<i>FDP</i>	<i>21 Aug 2023 To 25 Aug 2023</i>	<i>National</i>	<i>Braion O Vision Solutions</i>
2	Successfully Organized an Art Competition by Magazine Department with Title Today's India renewing our tryst with Destiny	<i>Competition</i>	<i>19to 24th January 2022</i>	<i>National</i>	<i>Magazine AISSMSCO E</i>
3	Successfully Organized Second Event of Authors meet.	<i>Seminar</i>	<i>1 April 2022</i>	<i>National</i>	<i>Magazine AISSMSCO E</i>
4	Successfully Organized National Level Faculty Development Program on Amazon Web Services	<i>FDP</i>	<i>22 Aug 2022 to 27 Aug 2022</i>	<i>National</i>	<i>Braion O Vision Solutions</i>
4	Successfully Organized YUVAWANI Authors meet Inaugration Function at 12 Sep 2020.	<i>Seminar</i>	<i>Sep 2021</i>	<i>National</i>	<i>AISSMSCOE</i>
5	Successfully Organized a Webinar on "Empowering students to be Future Ready" By Magazine Committee of AISSMSCOE at 12 Sep 2020.	<i>Webinar</i>	<i>1 Day</i>	<i>National</i>	<i>AISSMSCOE</i>
6	Successfully Organized a Webinar on "Empowering Women Professionals" By Vishakha Committee of AISSMSCOE at 4 th Sep 2020.	<i>Webinar</i>	<i>1 Day</i>	<i>National</i>	<i>AISSMSCOE</i>
7	Successfully Organized a Workshop on "Cyber Security" "Computer	<i>Workshop</i>	<i>1 Day</i>	<i>National</i>	<i>AISSMSCOE</i>

	Engineering Department on 15 Sep 2020.				
8	Successfully Conducted First Inaugural Event of PARAMARSH 2020 as a Part of Media Team on June 15 2020 On the Occasion of Rajshri Shahu MAharaj Jayanti.	Webinar	1 Day	National	AISSMSCOE
9	Successfully Conducted Second Event of PARAMARSH 2020 as a Part of Media Team on July 7 2020 On the topic Career Opportunities after 12 th guidance and counselling by Dr Durgesh Mangeshkar	Webinar	1 Day	National	AISSMSCOE

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
1	AISSMSCOE	Importance of social Media Handling	Institute	17/11/2022
2	AISSMSCOE		Institute	30/12/2021
3	IOM,AISSMSCOE	Management information System	Institute	2015-2016

Details of Workshop/STTP/FDP/Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Attended Five Days FDP on Software based case studies for development of multi disciplinary projects	FDP	22-11 2022 to 26-11- 2022.	National	AISSMSCOE
2	ATAL Online Elementary FDP on Design Thinking: Aspirations for Innovations"	FDP	29Nov 2021 to 3 rd. Dec 2021	National	AISSMSCOE
3	ATAL FDP on "OUTCOME CURRICULUM AND EXAM	FDP	. 25 Oct to 29 Oct 2021	National	B.V.V.S.Polytechnic(Bagalkot),B

	REFORMS				agalkot
5	<i>Atal FDP on Cyber Security.</i>	FDP	<i>1 Feb 2021-5Feb 2021</i>	<i>National</i>	Jawaharlal Nehru National College of Engineering.
6	FDP on Software based software based case study	FDP	22 Nov 2020 to 26 Nov 2020	AISSMSCOE	AISSMSCOE
07	<i>Webinar on “Cyber Security” in Computer engineering department on 31 May 2020.</i>	<i>Webinar</i>	<i>1 Day</i>	<i>National</i>	
08	<i>Webinar on “Industry 4.0 opportunities and Challenges” by Magazine Committee in association with Computer engineering department on 17 June 2020.</i>	<i>Webinar</i>	<i>1 Day</i>	<i>National</i>	
9	Python 3.4.3	FDP	27th Apr-2nd May 2020	PICT,Pune	<i>National Mission on Education through ICT,MHRD,Gov of India</i>

10	<i>“Modern Technology and Self Development”</i>	FSDP	<i>8th to 10th June 2020.</i>	<i>AISSMSCOE Computer Department Pune</i>	
11	<i>FDP on NAAC Awareness Program</i>	FDP	<i>8th may to 14th May 2020</i>	<i>MMIOT Lohgaon</i>	<i>MMIOT Lohgaon</i>
12	<i>FDP on Java Business Application</i>	FDP	<i>2nd May 2020</i>	<i>RMDCOE, Pune</i>	<i>Spoken tutorial</i>

13	<i>FDP on Python 3.4.3 by organized by Pune</i>	<i>FDP</i>	<i>30th April 2020</i>	<i>NBNSOIE,</i>	<i>Spoken tutorial</i>
14	<i>High Performance Computing</i>	<i>Webinar</i>	<i>26 may 2020</i>	<i>saveetha engineering college Chennai</i>	
15	<i>Webinar by on Topic "Knowledge sharing on A to Z of Journal Publication" on</i>	<i>Webinar</i>	<i>30th may 2020.</i>		<i>IFERP</i>
16	<i>Webinar on Topic "Virtual Interactive classroom for teachers post COVID 19 Era" on Attended an</i>	<i>Webinar</i>	<i>5th June 2020.</i>		<i>IFERP</i>
17	<i>FDP on "Innovative practice and reform in higher education" by</i>	<i>FDP</i>	<i>22 may 2020</i>	<i>Electronics Department AISSMSCOE</i>	<i>Electronics Department AISSMSCOE</i>

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
<i>1</i>	<i>Working as central Magazine In charge AISSMSCOE from year 2019 till today.</i>
<i>2</i>	<i>Working as a member of Central Vishakha committee for Women</i>
<i>3</i>	<i>Worked as Project coordinator for 2019-2020</i>
<i>4</i>	<i>Working as a member of Central Media committee of Institute from last 3 years</i>
<i>5</i>	<i>Worked As a GFM, Cultural coordinator of department</i>

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

S J PACHOULY

(Name with Signature)