

**SRES', Sanjivani College of Engineering, Kopargaon**  
(An Autonomous Institute affiliated to SPPU, Pune)

**Staff Profile**

<b>Personal Information</b>			
<b>Name of Teaching Staff:</b> Dr. Prakash Nandkumar Kalvaddekar			
<b>Designation:</b> Associate Professor			
<b>Department :</b> Computer Engineering			
<b>Date of joining :</b> 20/01/2003			
<b>E Mail ID :</b>	<b>prakashkalavadekarcomp@sanjivani.org.in</b>		
<b>Contact No:</b>	<b>9423166072</b>		
<b>Education Details</b>			
Qualification	Specialization with Class or Grade	University	Year
UG	Distinction	Shivaji University,Kolhapur	1997
PG	Distinction	Shivaji University,Kolhapur	2008
Ph.D	-	SPPU,Pune	2020
<b>Total experience in years:</b>			
<b>Teaching:</b>	<b>19</b>		
<b>Industry:</b>	<b>5</b>		
<b>Research and Publications (National (4) &amp; International (46))</b>			
Title	Journal Name	Authors	
Development of Effective Audit Service to Maintain Integrity of Migrated Data in Cloud	International Research Journal of Engineering and Technology Volume 3 Issue 1,Jan 2016 IP:4.45 e-ISSN:2395-0056 p-ISSN: 2395-0072	P.N.Kalavadekar	
Effective Intrusion Detection Systems Using Hybrid Approach	International Journal of Exploring Emerging Trends in Engineering Vol.03,	P.N.Kalavadekar Dr. S.S.Sane	

	Issue 02, Mar-Apr, 201 6 Pg .132–138 IF [SJIF] —2.995 ISSN NO. 2394 -0573	
Designing and Developing Multilingual Support for Web Development for Indian Languages	International Journal of Innovations In Engineering Research and Technology Vol.3,Issue-6,June-2016 ISSN -2394-3696 IF-3.535(2015-16)	P.N.Kalavadekar Alka Nagargoje
SMS Classification Based on Naïve Bayes Classifier and Semi-supervised Learning	International Journal of Innovations In Engineering Research and Technology Vol.3,Issue-7,July-2016 ISSN -2394-3696 IF-3.535(2015-16)	P.N.Kalavadekar Sheetal Sable
Building of Intrusion Detection System by Using SVM and Ant Colony Algorithm	International Journal of Advance Research and Innovative Ideas in Education Vol. 2 Issue-3 July-2016 ISSN(O)-2395-4396	P.N.Kalavadekar Priti Thorat
A Survey on Multi Skill Oriented Spatial Crowdsourcing	International Journal of Advance Research and Innovative Ideas in Education (IJARIIE), Vol-2, Issue-5 2016. ISSN(O)-2395-4396	Arun Dalvi P.N.Kalavadekar
Survey on Fine-Grained Knowledge Sharing in Agriculture	International Journal for Research in Engineering Applications & Management ISO 3297:2007 Certified Journal, ISSN:2454-9150 (Peer Review) IF:3.495 Vol 2 Issue 07,Oct 2016	Rakhi Bornare P.N.Kalavadekar
Multi Skill Oriented Spatial Crowdsourcing	International Journal of Innovative Research in Computer and Communication Engineering Vol .5 Issue 5, May 2017. IF: 6.577 ISSN: 2320-9801	Arun Dalvi P.N.Kalavadekar
Effective Intrusion Detection Systems using Genetic Algorithm	International Journal on Emerging Trends in Technology Vol-4 Issue-Special, July -2017 .IF: 0.456 ISSN: 2455-0124( E)   2350-0808 (P) PP:8315-8319	P.N.Kalavadekar Dr. Shirish S Sane

A Survey on Crystanography: A Secured Multilayered Data Hiding Technique	International Journal of Advance Research and Innovative Ideas in Education Vol. 3 Issue-6 2017 ISSN(o): 2395-4396	Bhushan Bafna P.N.Kalavadekar
Housing Society Management Web Application with recommendation system	Imperial Journal of Interdisciplinary Research (IJIR) Vol-3, Issue-4, 2017 ISSN: 2454-1362	Saurabhi Raut, Priyanka Pawar, Masira Shaikh, Neha Bhat, PN Kalavadekar
A Secured Multilayered Data Hiding Crystanography	International Journal of Scientific Research in Computer Science Applications and Management Studies Vol. 7 Issue 3 May 2018	Bhushan Bafna P.N.Kalavadekar
Effect of Mutation and Crossover Probabilities on Genetic Algorithm and Signature Based IDS	International Journal of Engineering & Technology (UAE), ISSN-2227-524X. <b>Pages: 1011-1015</b> <b>DOI: <a href="https://doi.org/10.14419/ijet.v7i4.19.28277">10.14419/ijet.v7i4.19.28277</a> Vol 7</b> <b>No 4.19-(2018) Special Issue 19</b>	P.N.Kalavadekar Dr. Shirish S Sane
Building an Effective Intrusion Detection System using Genetic Algorithm based Feature Selection	International Journal of Computer Science and Information Security (USA) July 2018 Vol.16 No.7 ISSN 1947-5500 <a href="#">pp. 97-110</a>	P.N.Kalavadekar Dr. Shirish S Sane
Review on Intrusion Detection System using Recurrent Neural Network with Deep Learning	International Research Journal of Engineering and Technology (IRJET) Vol. 5 Issue-10 Oct-2018 IF-7.211 e- ISSN: 2395-0056 p-ISSN: 2395-0072 PP. 1385-1388	P.N.Kalavadekar Prajyot Autade
Intrusion Detection System using Recurrent Neural Network with Deep Learning	International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) Vol. 7, Issue 4, April 2019 IF- 7.194 ISSN(O)-2320-9801 ISSN(P)- 2320- 9798	P.N.Kalavadekar Prajyot Autade
Building an Effective Intrusion Detection System using	International Journal of Innovative Technology and Exploring Engineering	P.N.Kalavadekar

combined Signature and Anomaly Detection Techniques	(IJITEE) ISSN: 2278-3075, Volume-8 Issue-10, August 2019 pp.429-435 Retrieval Number I8469078919/2019©BEIESP DOI: 10.35940/ijitee.I8469.0881019	Dr. Shirish S Sane
Effective Heart Disease Prediction Using Machine Learning Techniques: A Survey	Open Access International Journal Of Science And Engineering (OAIJSE) ISSN: 2456-3293, Volume-6 Issue-3, March 2021 pp.97-102 , Impact Factor 5.856, DOI 0.51397/OAIJSE03.2021.00017	P.N.Kalavadekar Miss. Kalyani Ubale
Effective Heart Disease Prediction Using Machine Learning Techniques	International Journal Of Advance Scientific Research and Engineering Trends, Peer-Reviewed Multi-Disciplinary Research Journal, in IJASRET, Volume 5, Issue 12, April 2021,IF-6.228, ISSN(ONLINE):2456-0774	P.N.Kalavadekar Miss. Kalyani Ubale
A Novel Approach For Heart Disease Prediction Using Machine Learning Techniques	International Journal For Science And Advance Research In Technology,(IJSART), Volume 7,Issue 6 in June 2021, ISSN [ONLINE] : 2395-1052	P.N.Kalavadekar Miss. Kalyani Ubale

**Papers presented in conferences:**

Title	Conference Name	Authors
Effective Intrusion Detection Systems using GA	cPGCON 2017	P.N.Kalavadekar
	The 6 <sup>th</sup> PG Conference of Computer Engineering Sandip Institute of Technology & Research Centre,Nashik 25 <sup>th</sup> March 2017.	Dr. S.S.Sane
Sustainable Role Playing using Android Application	International Conference on Innovations in Science, Engineering and Technology for Sustainable Development  30 & 31 march 2018	P.N.Kalavadekar

Effect of Mutation and Crossover Probabilities on Genetic Algorithm and Signature Based IDS	5 <sup>th</sup> International Conference on Emerging Trends in Computing (presented) 22 <sup>nd</sup> and 23 <sup>rd</sup> June 2018. (IJET)	P.N.Kalavadekar Dr. Shirish S Sane	
<b>Research Profile URL</b>			
<b>Google Scholar</b>	<a href="https://scholar.google.com/citations?user=YzeLJzGAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=YzeLJzGAAAAJ&amp;hl=en</a>		
<b>Scopus</b>	<a href="https://id.elsevier.com/settings/redirect?code=6alCUuf5knYLaVsgxa uZSDc9EnbyRiUtUhlQQD5p">https://id.elsevier.com/settings/redirect?code=6alCUuf5knYLaVsgxa uZSDc9EnbyRiUtUhlQQD5p</a>		
<b>Orcid</b>	<a href="https://orcid.org/0000-0002-9540-6358?lang=en">https://orcid.org/0000-0002-9540-6358?lang=en</a>		
<b>Other Research Details</b>			
<b>Ph D Guide ?Give field &amp; University:</b>	No		
<b>Ph Ds/ Projects Guided:</b>	-		
<b>Books Published</b>	Nil		
<b>IPRs/Patents</b>	Prakash Kalavadekar (2018). "An Effective Algorithm for Intrusion Detection System using combined Signature & Anomaly Detection Techniques", <i>Received copyright on 28/02/2018 from Ministry of Commerce &amp; Industry, Department of Industrial Policy and Promotion, Copyright office of Government of India,</i>  <i>Diary Number : 452/2018-CO/L.</i>		
<b>Professional Memberships:</b>	LMISTE,LMIETE		
<b>Interaction with professional institutions</b>	Reviewer for various International Conferences , Editorial Member of International Journal		
<b>Consultancy Activities</b>			
<b>Duration</b>	<b>Title of Activity</b>	<b>Issued Organization</b>	<b>Amount</b>
Since 2020	Website Development and Maintenance	SCOE,Kopargaon	-

<b>Grants fetched</b>			
<b>Duration</b>	<b>Title</b>	<b>Issued Organization</b>	<b>Amount</b>
<b>20-21</b>	<b>STTP on “Block Chain Technology and Cryptocurrency”</b>	<b>AICTE</b>	<b>4.20L</b>
<b>2014-15</b>	<b>State Level workshop on “Applications of Soft Computing in Pattern Recognition”</b>	<b>BCUD , SPPU, Pune</b>	<b>2.0L</b>
<b>Awards</b>			
<p><b>1. Indian Achievers Award for Education Excellence (2021) By Indian Achievers Forum and CSR Times.</b></p> <p><b>2. Primary Evaluator in Toycathon 2021 organized by MoE,MIB,MMSME and AICTE India.</b></p>			
<b>FACULTY DEVELOPMENT PROGRAMMES ATTENDED (Total-54)</b>			
One day workshop on MATLAB Toolboxes	KKWIEER, Nashik MathWorks	22 <sup>nd</sup> June 2018	
AICTE Funded Six Days FDP on Intelligence of Things	RIT,Sakhrale ,Islampur	19-24 Nov 2018	
Online NPTEL course on CN and IP (12 Weeks)	IIT, Chennai (NPTEL)	Oct 2018	
Four Days Training on SAP I-360 Cloud Platform	Expert Global, Aurangabad SRES SCOE Kopargaon	10-13 Dec. 2018	
Two Days workshop on Machine Learning using Python	Mr. Deepak Patil ,Chief Architect,Cognizant Sol. Pune. SCOE Kopargaon	15-16 June 2019	
One Day FDP on Outcome based Education	Mr. Shailesh Kasande SCOE,MBA Kopargaon	14 <sup>th</sup> July 2019	
The Data Scientist’s Toolbox Online 5 Days	John Hopkins University , Coursera	24/04/2020	

Python 3.4.3 online Faculty Development Program	MET's Institute of Engineering, Nashik in association with Spoken  Tutorial Project, IIT Bombay	April 26 to April 30, 2020
Short Term Training Programing on 'Patenting for Innovations'	Sanjivani College of Engineering, Kopargaon	25-29 May 2020
'COVID-19 AWARENESS CAMPAIGN'	IQAC & NSS Unit, CHH.SHIVAJI SHIKSHAN MANDAL'S  ARTS AND COMMERCE COLLEGE, VADUJ, DIST.SATARA	04/24/2020
NBA Accrediation and Teaching –Learning in Engineering (NATE)	NPTEL	Jan-Apr (12 Weeks)
<i>Technical Quiz Challenge-2020, Advanced C++ with Data Structures Quiz</i>	DEPARTMENT OF COMPUTER ENGINEERING, SCOE Kopargaon	9th May 2020
ICT tools for  Online Teaching	Sanjivani College of Engineering, Dept. of  MBA, Kopargaon	5/26/2020
ONLINE Webinar Training Session – IEEE Xplore Digital Library -  Boosting Every Aspect of YOUR Career	Sanjivani Rural College of Engineering & IEEE	24th June 2020
Virtual Labs: Hands-On Workshop for Faculty of all Engineering Disciplines	PVG's COET VLabs Regional Nodal Centre & AISSMS COE VLabs Nodal Centre, in Coordination with Savitribai Phule Pune University (SPPU) (BoS-E & TC) and Virtual Labs -IIT Bombay	18th July 2020
Webinar on “ Effective OBE implementation for Autonomous Institutes”	Dept. of MBA, Sanjivani College of Engineering.  Dr. D.N.Reddy, Ph.D. (IITD) (Former Vice-Chancellor, JNTUH), Director, CR Rao AIMSCS	23 <sup>rd</sup> July 2020

Webinar on “Blockchain Technology & It’s Applications”	Dept. of IT, Sanjivani College of Engineering. Dr. Chandrasekaran K., NITK, Suratkal	28 <sup>th</sup> July 2020
Webinar on “ Outcome Based Education “	Dept. of Mechanical SCOE. By Dr. U.S.Malik ,SIT, Tumkur.	7 <sup>th</sup> August 2020.
Webinar on “ Post Covid-19 Opportunities & Faculty Skill Development”	Dept. of Computer SCOE. By Dr. Ramesh Unnikrishnan, Former Director of Approved Bureau, AICTE	13 <sup>th</sup> August 2020
ATAL Online FDP on “ Deep Learning and Artificial Intelligence”	AICTE Training And Learning (ATAL) Academy, at Indira Gandhi Delhi Technical University for Women.	21/09/2020 to 25/09/2020
AICTE sponsored STTP on “Blockchain Technology and Crypto Currency”(Online Mode)	Department of Computer Engineering, Sanjivani College of Engineering,Kopargaon	30/11/2020 to 05/12/2020
FDP on “Role of National Education Policy in Nation Building”	Vidarbha Institute of Technology ,Nagpur	26/03/2021
International STTP on “Advanced Applications in Artificial Intelligence and Machine Learning”	MMCOE and MMIT Pune	2 <sup>nd</sup> to 6 <sup>th</sup> August 2021.
Online Training/Webinar on “IEEE Xplore”	SCOE,Kopargaon, EBSCO Information Services	12 <sup>th</sup> Aug. 2021
One Week FDP through online mode on “Strategies to Improve R & D Activities in Engineering Institutes”	Department of Structural Engineering, Sanjivani College of Engineering Kopargaon	27 <sup>th</sup> September to 1 <sup>st</sup> October 2021
Neural Networks and Deep Learning (4 Weeks)	Deeplearnin.AI (Coursera)	4 <sup>th</sup> Oct. 2021 to 1 <sup>st</sup> Nov.2021

**FACULTY DEVELOPMENT PROGRAMMES ORGANIZED**

Name of the FDP / Workshop	Organization	Duration	Month-Year	Capacity
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<b>STTP on “Block Chain Technology and</b>	<b>AICTE ,SCOE,Kopargaon</b>	<b>Six Days (3Series)</b>	<b>Nov-21 to Jan-21</b>	<b>170</b>
<b>State Level workshop on “Applications of Soft Computing in Pattern Recognition”</b>	<b>BCUD , SPPU, Pune SCOE,Kopargaon</b>	<b>Two Days</b>	<b>Nov-2014</b>	<b>60</b>
<b>INVITED LECTURES IN CONFERENCE/SEMINAR (Total:23)</b>				
<b>Title of Lecture/ Academic Session</b>	<b>Title of Conference/ Seminar etc.</b>		<b>Organized By</b>	
<b>Concepts of Object Oriented Modeling and Design</b>	<b>Guest Lecture</b>		<b>Sanjivani K.B.P. Polytechnic, Kopargaon</b>	
<b>Final Year Project Work Documentation</b>	<b>Expert Lecture</b>		<b>SRES SCOE ,Kopargaon</b>	
<b>Cyber Security</b>	<b>Expert Lecture</b>		<b>SRES SCOE ,Kopargaon</b>	
<b>Real Time Applications on Machine Learning</b>	<b>Expert Lecture</b>		<b>NDMVP, COE Nashik</b>	

<b>OTHER Professional URLs</b>	
<b>Personal Website</b>	-
<b>Linked In Profile</b>	<a href="https://www.linkedin.com/in/dr-prakash-kalavadekar-33b08631/">https://www.linkedin.com/in/dr-prakash-kalavadekar-33b08631/</a>
<b>GitHub URL</b>	-
<b>YouTube Channel</b>	<a href="https://studio.youtube.com/channel/UCcmZRI0h9oneJ9uRvG2Z6ng/videos">https://studio.youtube.com/channel/UCcmZRI0h9oneJ9uRvG2Z6ng/videos</a>
<b>Other</b>	-