


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

## Staff Profile

Personal Information			
Name of Teaching Staff: Dr.H.E.Khodke			
Designation: Assistant Professor			
Department : Computer Engineering			
Date of joining : 07/05/2007			
E Mail ID:	khodkehecomp@sanjivani.org.in		
Contact No:	9890156722		
Education Details			
Qualification	Specialization with Class or Grade	University	Year
UG	BE (Computer Science and Engineering with First class)	Dr.B.A.M.U. University, Aurangabad (Maharashtra)	2005
PG	MTECH By Research (Computer Science and Engineering with First class Distinction)	Dr.B.A.M.U. University, Aurangabad (Maharashtra)	2013
PG	ME (Computer Science and Engineering with First class)	Dr.B.A.M.U. University, Aurangabad (Maharashtra)	2017
PhD	Computer Science and Engineering	J.J.T.U. Rajasthan	2021
Total experience in years:			
Teaching:	15 years		
Industry:	02 years		
Research and Publications			
Publications			
1. H.E. Khodke, S. K. Yadav, D. N. Kyatanavar," Identification of important characteristics and methods for data processing in cardiovascular estimation", journal of emerging technologies and innovative research", volume-8, issue-4, April-2021, ISSN:2349-5162. [ <a href="#">Click Here</a> ]			

- 2.H.E. Khodke, S. K. Yadav, D. N. Kyatanaavar," A smart hybrid system platform for cardiovascular prediction", international journal of research and analytical reviews (IJRAR), volume-3, issue-2, April-2021, E-ISSN:2348-1269, P-ISSN:2349-5138. [[Click Here](#)]
3. .H.E. Khodke, S. K. Yadav, D. N. Kyatanaavar, "Study and analysis of medical data mining techniques in healthcare for heart disease using hybrid approach", Advances in Parallel Computing (IOS Press),March 2020.pp.407 415, doi: 10.3233/APC35 [[Click Here](#)][[Scopus index](#)]
4. H.E. Khodke, S. K. Yadav, D. N. Kyatanaavar, "A new approach of heart disease prediction system using data science" IEEE Sponsored International Conference on Smart Innovations in Design, Environment, Management, Planning and Computing (ICSIDEMPC 2020) held at MGM's Jawaharlal Nehru Engineering College Aurangabad, Maharashtra, India, 30 31 October 2020 [[Click Here](#)][[IEEE Xplore](#)]
5. H.E.Khodke," Intrusion detection framework using efficient spectral clustering technique", Advances in Parallel Computing (IOS Press),March 2020.pp.407 415, doi: 10.3233/APC35[[Click Here](#)][[Scopus index](#)]
6. H.E. Khodke, A.V. Brahmane, B.J.Dange, S.N.Gunjel, S.R. Deshmukh," A New Approach of Patteren Matching and Analysis for handwritten Digits-Using Gradient Descent Back Propagation With Adaptive Learning",CiiT,Volume 9,NO 5 2017 pp.81-85. [[Click Here](#)]

#### **Papers presented in conferences:**

- 1.H.E. Khodke, S. K. Yadav, D. N. Kyatanaavar, "A new approach of heart disease prediction system using data science" IEEE Sponsored International Conference on Smart Innovations in Design, Environment, Management, Planning and Computing (ICSIDEMPC 2020) held at MGM's Jawaharlal Nehru Engineering College Aurangabad, Maharashtra, India, 30 31 October 2020 [[Click Here](#)][[IEEE Xplore](#)]
2. H.E. Khodke, S. K. Yadav, D. N. Kyatanaavar, "Study and analysis of medical data mining techniques in healthcare for heart disease using hybrid approach", Advances in Parallel Computing (IOS Press),March 2020.pp.407 415, doi: 10.3233/APC35 [[Click Here](#)][[Scopus index](#)]
3. H.E. Khodke, S. K. Yadav, D. N. Kyatanaavar, "Improving heart disease prediction using feature selection", International multidisciplinary conference,27-29 November 2020 ISSN:2321-1067 [[Click Here](#)]
- 4.H.E.Khodke," Evaluation of pattern matching and analysis for handwritten digits using gradient descent backpropagation with adaptive learning",ICIETET,2019
5. H.E.Khodke," To implement data security in cloud computing Environment", ICIETET,2019
- 6.H.E.Khodke," FACTUAL DEMONSTRATION: FOR EVALUATING THE SECURITY STRENGTH OF CLOUD COMPUTING", international Journal of advance research in science and engineering, volume no.07,special issue(01),January 2018 ISSn:2319-8354[[Click Here](#)]
- 7.H.E.Khodke," A new approach of vehicle number plate recognition using template matching and neural network as hybrid method.", international journal of research culture society,Feb2018
8. H.E.Khodke," Review on Data Mining Techniques for Health Care",RAR-17-Nov-2018

9. A. V. Brahmane,B. J. Dange, S.N. Gunjal, S. R.Deshmukh, H.E. Khodke,” A research on intrusion detection methods for distributing computing environment”, IJIACS, May 1, 2017, Vol-06, Issue-05			
<b>Research Profile URL</b>			
Google Scholar	<a href="https://scholar.google.com/citations?hl=en&amp;user=oSpzNUkAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=oSpzNUkAAAAJ</a>		
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=57221612292">https://www.scopus.com/authid/detail.uri?authorId=57221612292</a>		
Orcid	<a href="https://orcid.org/0000-0002-8552-1782">https://orcid.org/0000-0002-8552-1782</a>		
<b>Other Research Details</b>			
Ph D Guide ?Give field & University:			
Ph Ds/ Projects Guided:	1)Detection and prediction of liver diseases by using datamining techniques 2)IOT based smart energy meter 3)Visualization of worldwide vaccination status by applying statistical model 4) Implementation of Human Resource Management System as a web application 5) Crime alert System using Historical data.		
Books Published			
IPRs/Patents	Date of filing of Application: 16/06/2020 Application No. 202041025334 Publication Date: 19/06/2020 Title of the invention Mobility assisted Ota working out for backscatter sensor networks using Machine Learning. <a href="#">[Click Here]</a>		
Professional Memberships:	1)International Society for Research and Development (ISRD) <a href="#">[Click Here]</a> 2)International Association of Engineers (IAENG) <a href="#">[Click Here]</a>		
Interaction with professional institutions			
<b>Consultancy Activities</b>			
Duration	Title of Activity	Issued Organization	Amount

<b>Grants fetched</b>			
<b>Duration</b>	<b>Title</b>	<b>Issued Organization</b>	<b>Amount</b>
<b>Awards</b>			
<p><b>1) Best paper award</b> in IEEE Sponsored International Conference on Smart Innovations in Design, Environment, Management, Planning and Computing (ICSIDEMPC-2020) held at MGM's Jawaharlal Nehru Engineering College Aurangabad, Maharashtra, India, 30-31 October 2020.</p> <p><b>2) Texas instruments award</b> in appreciation for fostering an ecosystem bridging government industry and academia.</p>			
<b>FACULTY DEVELOPMENT PROGRAMMES ATTENDED</b>			
<b>Name of the FDP / Workshop</b>	<b>Organization</b>	<b>Duration</b>	<b>Month-Year</b>
Recent trends in computations	Vishwakarma institute of Technology, pune	One week	July 2021
Data science & machine learning with python	ATAL	One week	July 2021
Software testing: emerging trends	ATAL	One week	July 2021
Universal human values in technical education	Sanjivani college of Engineering, kopargaon.	One week	June 2021
<b>Quantum Computing</b>	Department of Computer Engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik, Maharashtra	1 week	February 2021
<b>Python 3.4.3</b>	MET's Institute of Engineering, Nashik	1 week	April 2020
<b>R- Programming</b>	SKN Sinhgad College of Engineering, Pandharpur	1 week	May 2020
<b>Data Sciences</b>	K.E. Society's Rajarambapu Institute of Technology, Rajarampur,	1 week	September 2020
<b>AI and Data Science</b>	JSPM's Rajarshi Shahu College of Engineering, Pune	1 week	July 2020

Blockchain Technology and Crypto Currency	Sanjivani College of Engineering, Kopargaon, Maharashtra,	1 week	November 2020	
Cyber Security	SNJB College of Engineering,Chandwad	1 week	November 2019	
FACULTY DEVELOPMENT PROGRAMMES ORGANIZED				
Name of the FDP / Workshop	Organization	Duration	Month-Year	Capacity
INVITED LECTURES IN CONFERENCE/SEMINAR				
Title of Lecture/ Academic Session	Title of Conference/ Seminar etc.		Organized By	
Sanjivani LMS	Sanjivani LMS		Sanjivani Arts, Commerce and Science College, Kopargaon	
Sanjivani LMS	Sanjivani LMS		Sanjivani College of Pharmaceutical Education & Research, Kopargaon	

<b>OTHER Professional URLs</b>	
<b>Personal Website</b>	<a href="https://harishkhodke.wordpress.com/">https://harishkhodke.wordpress.com/</a>
<b>Linked In Profile</b>	<a href="https://www.linkedin.com/in/dr-harish-e-khodke-1162086a/">https://www.linkedin.com/in/dr-harish-e-khodke-1162086a/</a>
<b>GitHub URL</b>	<a href="https://byrl.me/ytUqzbM">https://byrl.me/ytUqzbM</a>
<b>YouTube Channel</b>	<a href="https://byrl.me/qk5gjc5">https://byrl.me/qk5gjc5</a>
<b>Other</b>	