Name of Faculty	Dr. Nandini M. Chaudhari
Designation	Professor
Email id	Nandinichaudhari.ce@bitseducampus.ac.in
Contact number	0265-2303991
Total Experience	29
Teaching **Industry**	Teaching- 26 Y Industry- 3 Y
Professional **Summary**	- Working as a professor in Computer Science and Engineering Department - Worked as a Regular Principal at T.M.E. Society's J. T. Mahajan College of Engineering, Faizpur - Ph.D. Guide at North Maharashtra University in Computer Science and Engineering under faculty of Engineering and technology. - Assistant professor in Computer Engineering Dept from last 13 years with additional charge of Vice Principal & Dean academics at KCE COEIT Jalgaon. - Member of Local Inspection Committee for North Maharashtra University. - Subject Expert for Staff Selection Committee by N.M.U. Jalgaon. - Member on Board of studies in Computer Engineering and Information Technology and in Computer Management at North Maharashtra University. - Appointed as a Senior Supervisor at Various Engineering Colleges for N.M.U. Examinations. - Chairman, Board of Paper Setters and Examiners of F.E., S.E., T.E. and B.E. Computer Engineering& Information Technology. - Session chair at national/international conferences.
Current Activities	Working as a professor in Computer Science and Engineering Department since Feb-2020
Specialization Areas	Image Processing
Subject Taught (UG/PG)	Introduction to Research, Basic Human Rights, Data structure and Files, Computer Networks, PL-I, Image Processing, Programming for problem solving
Qualifications	Ph.D. (Computer Science and Engineering under faculty of Engineering and Technology)(July 2016) North Maharashtra University , Jalgaon ,Maharashtra M.E. (Computer Science and Engineering) (2009) (Distinction) Government College of Engineering , Dr. B.A.M.U. Aurangabad, Maharashtra B.E. (Computer Engineering) (1991) , (First Class)
Skills	Good team player, Leadership , enduring learner , detail oriented
Achievements	**No. of Ph.D. Scholars under guidance: 04** - Shouldered the responsibility and completed NAAC accreditation of JTMCOE in year 2017-18 - Completed NAAC accreditation at KCESCOEIT in year 2016-17. - Carried out external ISO 9001:2008 audits and completed the ISO certifications from year 2010 at KCECOEIT.

Research Project	Nature of Project	Duration of the project	Title of Project	Name of funding agency	Amount (Rs.)
	Minor	01/10/14 to 01/10/16	Design and Analysis of data set required for semen analysis.	BCUD, NMU under scheme VCRMS	44000

Publications	• "Wavelet-Based Thermal Image Analysis Methods", International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-4, November 2019, ISSN: 2277-3878.
	• "A Review of Heart Failure in Person with Arrhythmia using Intelligent Techniques" , UGC approved International Journal of Information Technology (IIJIT) ,Volume 7, Issue 2, February 2019, ISSN 2321-5976.
	• "Detection of Communities on social network using frequent pattern mining on incremental data " ,at 6th International Conference on Recent Trends in Engineering & Technology (ICRTET -2018) , on 20-21st June 2018 published with UGC approved International Journal for Research in Engineering Application & Management (IJREAM) Special Issue – ICRTET-2018 ISSN : 2454-9150.
	• "New human semen analysis system (casa) using microscopic image processing techniques", ICTACT journal on image and video processing,, November 2016, volume: 07, issue: 02.
	• "New hybrid approach for identification of spermatozoa in human semen sample using microscope image processing techniques", Advances in Image and Video Processing , ISSN 2054-7412, Volume 2 No (6), DOI: 10.14738/aivp.26.79015-24 , 2015/1/5, by Society for Science and Education, United Kingdom (SSE-UK).
	• "Article: Microscope Image Processing: An Overview ", International Journal of Computer Applications 124(12):23-28, August 2015.
	• "Light scattering study on semen analysis methods/techniques", IEEE, Nirma University International conference NUiCONE-2013 proceeding, 978-1-4799-0726-7 , DOI 10.1109/NUiCONE.2013.6780079 from 1-4 , 2013/11/28.
	• "Experimental analysis of fingerprint techniques: variance and ROC", Indian Journal of Science and Technology Vol. 3 No. 5 (May 2010) ,ISSN: 0974- 6846 From 568 To 601 , 31-05-2010,by International digital publication.
	• A Poster presentation on "Applications of Microscope Image Processing " at University level AVISKAR-2015 on 22-23 December 2015 , North Maharashtra University , Jalgaon.
	• A poster presentation on " Microscope Image Processing" at National seminar on Natural Language Processing and Image Processing (NLP-IP 2015) on 14-15 March 2015 , School of computer science , North Maharashtra University , Jalgaon.
	• "Plagiarism at institution level and generalized algorithm for its detection" at National conference on sustainability in management through business ethics on 18th Jan 2014 & Published with "Vision Research Journal" ISSN-2250-2025 Vol: IV No:1 January 2014 .
	• Presented paper at 4th Nirma University International conference NUiCONE-2013 on "Light scattering study on semen analysis methods/techniques" on 28-30th Nov 2013.
	• Paper in national conference "Current trends in Software Developments" on "Physical access control system using advanced controllers-A Survey on 8th& 9th Feb 2013 .
	• Presented paper in International Conference on "Cloud Computing using IAM" @iCOST 2011 on 15th to 18th Jan 2011.
	• Presented paper in International conference on "Advanced physical access control system using

	ARM" @ ITECH-09 sangamner on 4th, 5th March 2009.
	• Presented paper in International conference on "Wi-Max : An IEEE 802.16 Standard for Broad band Wireless Access" @ iCAC2008, Chikhali on 21-22 feb,2008.
	• Presented short paper in International conference on "High Resolution fingerprinting : Pores& Ridges" @ iCAC2008, Chikhali on 21-22 feb,2008.
	• Presented a paper in National Level Conference on "Embedded Linux: A derivative of Linux " @NCETE2006, MIT Pune from 28th to 30th Dec 2006.
	• Presented a paper in National Level IT Fest on "Embedded Linux" @ SPORADICA007 ,Govt.COE Aurangabad on 6th-11th April 2007.
Activities and honours	**Membership of Professional Bodies:** • Life Member of I.S.T.**E. (LM – 44747)** • Member of Computer Society of India **((N1053002))** • Member of ISEE **(1035)** • Member, Associate Editorial Board, International Journal of Computer Applications, Foundation of Computer Science, New York, USA. • 2-week ISTE STTP on " Technical Communication" by IIT , Bombay from 8th October to 5th December , 2015. • 1-week ISTE STTP on " Introduction to Linux operating system" by IIT , Bombay from 13th July to 17th July, 2015. • 2-week ISTE STTP on " Introduction to Design of Algorithms" by IIT , Bombay from 27th April to 30th May , 2015. • Workshop on "NAAC awareness" by North Maharashtra University from 23rd-24th March 2015. • National seminar on "Natural Language Processing and Image Processing" NLPIP-2015 at the School of Computer Sciences, NMU, Jalgaon on 1st-3rd Mar 2015. • National Workshop on "Advances in computing" NWAC-2015 at the School of Computer Sciences, NMU, Jalgaon on 14-15th Mar 2015. • Workshop on "Image processing" of NWAC-2014 at the School of Computer Sciences, NMU, Jalgaon on 13-15th Feb. 2014. • A 2-day workshop on "Current trends in Information and Network security" by Modern College of Engg , Pune on 10th-11th Oct 2013. • Workshop on "Database Management System" by IIT, Bombay from 21st-31st May, 2013. • A 2-day ISTE workshop on " Aakash for education" by IIT , Bombay from 10th-11th November , 2012. • A workshop on "Research Methodology" by NorhMaharastraUiversity on 20th sept to 24th sept 2012. • A 2-week ISTE workshop on " Introduction to Research Methodology" by IIT , Bombay from 25th June to 4th July , 2012. • A workshop on "Oracle Database Administration" by Institute of Management and Research on 5th MAy 2012.

	- A 2-day ISTE workshop on "Writing Effective Conference Papers" by IIT, Bombay from 18th-19th February, 2012.
	- A national seminar on "Natural Language Processing and Image Processing" by NorhMaharastraUiversity on 16th-17th Jan 2012.
	- STTP on "C# and .Net" by KCESCOEIT from 27th Jun to 8th July 2011.
	- A workshop and scientific program on "IUI and optimizing IUI results" under the aegis of Durga Test tube baby center and Dr. UlhasPatil medical college, Jalgaon on 13 March 2011.
	- A workshop on "MATLAB Applications" by SSBT College of Engineering & Technology, Bambhori on 5th-6th March 2011.
	- Two week ISTE WORKSHOP on "Effective teaching/learning of computer programming "by IIT , Bombay from 28th June to 10th July , 2010.
	- STTP on "Computer Networking using Linux" by C.I.G. trainer, HCL,Mumbai from 17th to 20th March 2010.
	- One week STTP on "Research Methodology including mathematical modeling in Engineering & Technology" organized by SSGBCOET, Bhusawal from 2nd - 7th Nov 2009.
	- Workshop on LABVIEW Organized by National Instrumentation, Bangalore @ KCECOEIT, Jalgaon on 2nd Dec 2009.
	- AICTE Sponsored two week workshop on "Information security"@WIS-VNIT-08, VNIT, Nagpur from 1st-13th Nov 2008.
	- STTP on "MATLAB" organized by KCESCOEIT, Jalgaon from 14th to 18th April 2008.
	- STTP on "UNIX Programming" organized by KCESCOEIT, Jalgaon from 30th June to 4th July 2008.
	- Training on **.net** Technologies by Mag-Tek Systems Jalgaon
	- Workshop on " Embedded Systems, Image Processing, VLSI" organized by Prashant Distributors Pune in Association with SSVPS COE, Dhule from 26th to 28th July 2007.
	- Program on "Faculty Development "conducted by Dnyanapeeth Academy, Pune on 4th, 5th Feb 2006.
	- "Faculty Development Program" By ICFAI National College Jalgaon on 24th Jan 2006.
	o ISTE seminar on "Recent trends in E &TC " organized by ISTE Chapter , KCESCOEIT, Jalgaon on 22nd Sept 2005.
Grant Received	44000/- for Minor research project