

SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad.

Department : Computer Engineering

As on 03/05/2017

BIODATA

Mahesh RanglajiSanghavi

Qualification :	Ph.D., M.E, B.E. CSE & Diploma in Cyber Law		
Designation :	Professor		
Department :	Computer Engineering		
Date of Joining :	01/04/2007 ...In SNJB COE and in SHHJB Polytechnic...05/08/2002		
Approval Details:	CCO/Appr Comp/202 Date : 09/10/2010 Approved as Assistant Professor w.e.f 03/05/2010 to 02/02/2015 Ref No: BUTR/Engg/165/367 Date: 31/12/2014 Recognized as Post- Graduate Teacher from 05/12/2012 to 04/12/2017 CCO/2699 Date: 16 July 2009 Approved as Lecturer from 01/07/2008 till M.E Completion		
Experience :	14 Years 9 months		
Research Areas :	Image and Video Processing, Big Data Analytics &IoT		
Courses / Subjects Involved With :	(1) Business Analytics & Intelligence (2) Advance Databases (3) Database Management System Applications (4) Data Structures (5) Data Structures and Problem Solving (6) Operating Systems		
Research Publications :	Year	Title of Paper	Published in
International Journal & Conference	2009-10	Digital Video Watermarking based on Scene Change Detection. (First Author)	Proceedings of the 2009 International Conference on Image Processing, Computer Vision, & Pattern Recognition, IPCV 2009, July 13-16, 2009, Las Vegas, Nevada, USA, 2 Volumes. CSREA Press 2009, ISBN 1-60132-119-8. 934-940, IPCV 2009, 934-940
	2011-12	A robust scheme for Digital Video Watermarking based on Scrambling of Watermark(4) (First Author)	International Journal of Computer Applications, © 2011 by IJCA Journal Volume 35 - Number 2 Year of Publication: Dec 2011, ISBN: 978-93-80865-73-2
		Content Based	Special Issue of

		Video Retrieval Using Rank Correlation, Motion And Color (2nd Author)	International Journal of electronics, Communication & Soft Computing Science & Engineering, ISSN: 2277-9477 , 1st International Conference on Recent Trends in Engineering &Technology, http://www.ijecscse.org/papers/specialissue/mech/503.pdf
International Journal & Conference		Mathematical Model of M-Learning Application for Android based Mobile Devices using Web Services (6th Author)	International Conference in Computational Intelligence (ICCIA) 2011 Proceedings published in International Journal of Computer Applications® (IJCA)
		Scene Based Digital Video Watermarking (1st Author)	International Journal of Scientific Computing (Serial Publication), Vol 5, No. 2, July-Dec 2011, ISSN: 0973-578X. pp. 43-47
		State of the art review on Digital Video Watermarking (1st Author)	Special Issue of International Journal of electronics, Communication & Soft Computing Science & Engineering, ISSN: 2277-9477, 1st International Conference on Recent Trends in Engineering &Technology-2011 pp. 123-132
		Mathematical Model for Digital Video Watermarking	International Conference in Computational Intelligence (ICCIA)

		based on 3D Wavelet Transform	2011 Proceedings published in International Journal of Computer Applications® (IJCA) pp. 1-5
	2012-13	Efficient Video Watermarking in Selected Frames Based on Fibonacci Series for Ownership Proof (1st Author)	Proceeding of International Conference on “Emerging Research in Computing, Information, Communication and Applications” ERCICA 2013, ISBN : 9789351071020 © Elsevier Publications 2013. pp. 93-98 http://searchdl.org/public/book_series/elsevierst/1/15.pdf
		VisiMark1_0: An Assistance Tool for Evaluating Robustness of Video Watermarking Algorithms	International Journal of Information Technology and Computer Science, 2013, 05, 10-21 Published online April-2013, in MECS (http://www.mecspress.org/) DOI: 10.5815/ijitcs.2013.5.02
	2013-14	Robust Digital image Watermarking to Improve visual excellence using Tiny GA	ICRTET-2013, ISBN:978-81-926080-0-6, pp. 584-588.
		Mathematical Modeling for Face Recognition System (5th Author)	International Journal of Computer Applications (0975 – 8887) International Conference on Recent Trends in engineering &Technology -

			2013(ICRTET'2013) pp. 13-16
		Speech Recognition System for Windows Commands (5th Author)	International Journal of Computer Applications (0975 – 8887) International Conference on Recent Trends in engineering & Technology - 2013(ICRTET'2013) pp. 31-35 ICRTET-2013, ISBN:978-81-926080-0-6, pp.185-189 http://research.ijcaonline.org/icrtet/number5/icrtet1360.pdf
		Effective Method Of Code Detection Using Concept Of "PLAGIARISM" (5th Author)	ICRTET-2013, ISBN:978-81-926080-0-6, pp. 291-295, 22-24 th Feb 2013
		Fibonacci Series Based Watermark Embedding in a Video	IJCA Proceedings ICRTET-2013, ISBN: 978-81-926080-0-6, pp. 517-520. http://research.ijcaonline.org/icrtet/number4/icrtet1347.pdf
		BLUETOOTH MALL (5th Author)	ICRTET-2013, ISBN:978-81-926080-0-6, pp. 355-358, 22-24 th Feb 2013
	2013-14	An Approach for Detection and Prevention of Distributed Denial of Service Attack.	ICRTET-2013, ISBN:978-81-926080-0-6, pp. 562-565, 22-24 th Feb 2013
		Robust Digital Image Watermarking Based On Feature Region Set	ICRTET-2013, ISBN:978-81-926080-0-6, pp. 143-151, 22-24 th Feb 2013

		2014-15	NIL	NIL
International Journal & Conference	2015-16		Android Application for Social Awareness System (1st Author)	International Journal of Modern Trends in Engineering and Research www.ijmter.com e-ISSN No.:2349-9745, Date: 2-4 July, 2015, pp. 88-92
			Question Bank and Question Generator System Using Android (1st Author)	International Journal of Modern Trends in Engineering and Research www.ijmter.com e-ISSN No.:2349-9745, Date: 2-4 July, 2015, pp.: -67-71
			Digital video watermarking based on key-frame selection (5-IC-803) 1st Author Paper Accepted yet not published	ICEMS-2016 JNU Main Campus, School of Engineering Jaipur National University, Jaipur
	2016-17		Opportunity for Showcasing the Talent (Access March 2017)	CSI Access Magezine published by CSI Nashik Chapter
Industry Training	Year	Date	Training on	Conducted By & Location
	2016-17	14-28/11/17	Two Week Training Program on Android Application	SNJB's Late Sau KBJ CoE in association with SPARK
		18/10 to 22/10	5 Days Training on ERP Implementation	Serosoft Pvt. Ltd, Indore & SNJB Chandwad
		27/06 to 01/07	5 Days Training on ERP Automation	Serosoft Pvt. Ltd, Indore & SNJB Chandwad
	2015-16	4-8/02/16	5 Days State level Workshop NS-2 and SUSE Server Configuration	SNJB's Late Sau KBJ CoE in association with SPPU.
2014-15	28-29/8/15	Software Development	CloudAction Technology Services	

			Process and Latest Development platform technologies in cloud	Pvt. Ltd, Pune
	2005-06	22-25/5/06	AIX 5L Basics	IBM Global Services India, Bangalore
MemberShip	Membership Body		Year	Membership No
	Computer Society of India		2009 – Life Member	00175543
	Institute of Engineers(IEI)		Since 31/10/12	M-100001-5
	International Association of Engineers(IAENG),		Since 2016-17	Member No: 173718
	Society of Digital Information and Wireless Communications(SDI WC)		Since 2016-17	15088
	International Society of Research & Development (ISR D)		Since 2016-17	F3140900352
	Computer Society of Teacher Association (CSTA)		Since 2016-17	--
Resource Person	Year	Date	Topic Delivered	Conducted At& Location
	2016-17	20/1/17	Workshop on Recent Trends in IoT	GH RaisoniCoEM, Wagholi, Pune
		23/9/2016	One Day workshop on “Big Data Analytics & Blogging using WordPress” for students of third year Computer Engineering in AISSMS College of Engineering, Pune on 23/9/2016. organized by Prof. PragatiMahale, Assistant Professor, AISSMS College of Engineering, Pune	AISSMS College of Engineering, Pune
		17/09/2016	Expert Talk talk on “Big Data Analytics & Hadoop” for ISTE Members in Technical Symposium in Amrutvahini College of Engineering,	Amrutvahini College of Engineering, Sangamner

			Sangamner on 17/9/2016. organized by ISTE Student Chapter, SangamnerCoE.	
		9/9/2016	Expert Talk talk on "Literature Survey and Mathematical Model" for Final Year Computer Engineering Students of NDMVP's College of Engineering, Nashik on 9/9/2016 organized by Department of Computer Engineering.	NDMVP's College of Engineering, Nashik
	2016-17	9/8/2016	Expert Talk talk on "Data Structures & Algorithms : Advance Sorting Techniques & Its Applications" for Second Year Computer Engineering Students of SNJB's KBJ College of Engineering, Chandwad on 9/8/2016 from 9.30 to 11.30am organized by Prof. D. P. Pawar.	SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad
		8/7/2016	Workshop on "Dreams into Reality" for Second Year Computer Engineering Students organized by Department of Computer Engineering on 8th July, 2016 organized by Prof. K. M. Sanghavi	SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad
	2015-16	23/02/2016	Workshop on "How to Create Blog using WordPress" at SNJB's KBJainCollege of Engineering,	SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad

			Chandwad on 23rd February	
		18/02/2016	Workshop on “Blog Creation using WordPress” at K. K. Wagh Institute Engineering Education and Research”, Nashik on 18th February, 2016 for PG Students and Faculties	K. K. Wagh Institute Engineering Education and Research, Nashik
		22/01/2016	Expert Talk on “Business Intelligence” at SND’s College of Engineering, Yeola on 22nd January, 2016 for Students of Computer Engineering	SND’s College of Engineering, Yeola
		14/01/2016	Workshop on “Creation of Blog using WordPress” at SNJB’s SHHJB Polytechnic, Chandwad on 14th January, 2016 for Faculties	SHHJB Polytechnic, Chandwad
		14-15/1/16	2 Day workshop on “Big Data & Hadoop” for Students of IT and Computer Department organized by Department of IT at SNJB’s KBJ CoE, Chandwad on 14 January, 2016 (Time 10am to 12pm)	Dept of Information Technology, SNJB’s Late Sau. K. B. Jain College of Engineering, Chandwad
		8/01/2016	Workshop on “Blogging using WordPress” at Sanjivini Polytechnic, Kopargaon on 8th January, 2016 for Faculties	Sanjivini Polytechnic, Kopargaon
		29/12/15	System (State Level) Programming (FDP) (Dipolma Faculty, Comp Dept)	Sanjivani KBP Polytechnic, Kopargaon

	2014-15			
Jury	Year	Date	Description	Conducted At& Location
	2016-17	24-25/03/17	Session Chair at cPGCoN 2017	SITRC, Nashik
		26/9/16	Awishkar 2016	SNJB's CoE, Chandwad
			KKWagh College of Engineering & Research Centre, Nashik.	
			SVM College of Engineering, Chincholi, Nashik.	
			MET College of Engineering, Nashik	
			Matoshri College of Engineering & Research Center, Nashik	
			NDMVP's KBT College of Engineering, Nashik	
			SandipInsitute of Technology, Nashik	
			Sandip Institute of Engineering & Management, Nashik	
			LMCST, Jodhpur, Rajasthan, India	
			Gokhale Education Society's CoE, Nashik	
International Workshop Participated/Attended	Year	Date	Description	Conducted At& Location
	NIL			
National Workshop Participated/Attended	2014-15	13-14 Aug 2014.	Indias Biggest Networking Championship",	Dept of Computer Engg with , I-mEdia Learning Solutions in Association with IIT Delhi,
	2013-14	3/06/2014	One Week Short Term Training Program on "Database Management for BIG Data Applications", from 3rd June to 7th June, 2014	Department of Computer Engineering, MITCOE, Pune

		1/08/2013	Preconference Tutorial on “Emerging Research in Computing, Information, Communication and Application” on held at	NMIT, Benglore, India
	2012-13	4-5/ 2/ 13	Database Administration using Oracle 11g	Dept of Information Tech, SNJB COE, Chandwad
	2010-11	5-7/04/2011	Two days Workshop on, “Scilab for Beginners”	SandipInstistute of Technology and research Centre” Mahiravani, Trimbak Road Nashik (MS)
	2008-09	30/8 to 2/9/10	Object Oriented Analysis and Design using UML with Essentials of Rational Software Architect	IBMSoftware Education, IBM
		7- 11/9/09	High Impact Teaching Skills	By Wipro Technologies (Mission 10X) atSNJB’s KBJ COE,Chandwad
	2008-09	10/11/09	Texture Analysis and Applications	SGGSInstt of Engg. And Technology, Nanded
	2006-07	22- 25/ 5/2007	One Week Workshop on AIX 5L Basics	IBM Global Services India , Bangalore
State Level Workshop Participated/Attended	2015-16	4- 8/2/16	NS-2 and SUSE Server Configuration	Sponsored by SPPU, Depatment of Computer Engg, SNJB COE, CHandwad
Workshop Participated/Attended	2007-08	26/09/08	Implementation of On-Line Examination doe FPL of F.E 2008 Course and Objectives of Second Year Computer Engineering	PimpriChinchwad COE, Nigdi, Pune
	2010-11	18/9/11	B.E Project Guidelines	SinhgadInstt of Tech & Science, Narhe, Pune
	2011-12	12-13/1	LATEX	Dept of Comp Engg,

		/12		SNJB COE, Chandwad
	2012-13	29-30/3 /2013	Two days workshop on “ Hands On Android ”	Dept of Comp Engg., SNJB’s KBJ College Of Engineering, Chandwad, Mr. Amit Bramhecha
	2012-13 2014-15	April 3-4, 2013	Two days workshop on “ .NET ”	Dept of Comp Engg., SNJB’s KBJ College Of Engineering, Chandwad, Mr. Vitthal Dhoke, Swarjya Technologies,
		April 5-6, 2013	Two days workshop on “ LINUX ” Chandwad,	by Mr. SagarIkhanekar, SEED Pune, held at Dept of Comp Engg., SNJB’s KBJ College Of Engineering,
		9/4/13	Making Presentations with LATEX	Dept of E&TC, SNJB COE, Chandwad
		13/06 2014	One day workshop on “ Conference on IT ”	CSI Nashik Chapter
		14/06/2 014	One day workshop on “Agile Methodology”	Dept of Computer , SNJB’s KBJ College of Engineering, Mr. PritenNayak, CloudAction
		2014-15 2015-16	23/7/16	WORDPRESS EXTENDED FUNCTIONALITIES
	Year	Date	Description	Conducted By & Location
National Seminar Participated/Attended	2013-14	10-11/ 2 /14	Emerging Trends and Future Challenges of E- Commerce and Its Applications	Lachoo Memorial College of Science and Technology, Jodhpur
	2012-13	19/1/13	Ethical Hacking	NCA
	2011-12	20- 21/1/11	Research Trends in Communication Engineering, Signal Processing and Advance Computing	SNJB’s COE, Chandwad
	2006-07	14-	Cyber Forensic and	NDMVP’s COE,

		16/5/07	Data Recovery	Nashik
Seminar Attended	2012-13 2013-14	21/1/13	Creative Thinking,	Dr. R.R. Manthalkar,(SGGS, Nanded) at SNJB KBJ COE
		March 22,2014	Mr. Achyut Godbole and Seminar of Guru Pravin Rishiji on Motivational Speech	Kalidas Kala Mandir, Nashik
	2013-14	10-11/ 2 /14	Information Hiding an Application for E-Commerce Security	Emerging Trends and Future Challenges of E-Commerce and Its Applications, Lachoo Memorial College of Science and Technology, Jodhpur
Papers Presented National Seminar	Year	Date	Description	Conducted By & Location
STTP Participated(International)	2013-14	20/5/14 to 21/6/14	Two-Week ISTE Workshop on Computer Programming	IIT, Mumbai, at MET Instt of Engg., Nashik
	2014-15	23/10 to 1/11/15	Two Week STTP on Big Data and Cloud Computing	SITRC, Nashik Sponsored by CSI-Nashik Chapter
	Year	Date	Description	Organized For
Events Organized	2016-17	1/9/2016 to 25/02/2017	Regional Level Project Competition for Nashik Region	CSI Nashik Chapter
		18/10 to 22/10	5 Days Training on ERP Implementation	Serosoft Pvt. Ltd, Indore & SNJB Chandwad
		27/06 to 01/07	5 Days Training on ERP Automation	Serosoft Pvt. Ltd, Indore & SNJB Chandwad
	2015-16	17/03/2016	“Smart Looking Day” on 17th March, 2016 from 12.30 to 2 pm as a concept of Last Lecture for the Final Year Computer Engineering Students	SNJB’s Late Sau. K. B. Jain College of Engineering, Chandwad

		15/03/2016	Aptitude Test for Pre-Selection process for Summer Internship for the Students Current Third year Computer Engineering conducted by Arete Technology, Nashik on 15th March, 2016.	SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad
		14/03/2016	Excellent Session of Experience Sharing by SNJB's KBJ College of Engineering :: Final Year Computer Engineering Students after successfully completing the 10 days Internship in Arete Technology, Nashik	SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad
		13/03/2016	Visit to Arete Technology, Nashik for the feedback of our Students who successfully attended the Internship in Company.	Arete Technology, Nashik
		1/3/2015	Expert Talk by Prof. PawanBhaladhare, Head of Information Technology Department on "Outlier Analysis" under Business Analytics and Intelligence subject for Final Year Computer Engineering Students on 1st March, 2016 from 12.15pm to 2.15 pm.	SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad

		5-7/02/2016	State level workshop on “NS2 and SUSE Server Administration” sponsored by SPPU. Schedule of the Session : 5-7 February, 2016	SNJB’s Late Sau. K. B. Jain College of Engineering, Chandwad in association with SPPU
	2014-15	23/12/2014	SwachhataAbhiyaan	Dep of Computer Engineering
		29 Dec 2014.	“Latex Workshop”,	For T.E and B.E Computer Students by Prof.PawarRohit, IT DEpt SNJB KBJ CoE,
		Feb 15 2014	“Project Development Using .Net”	by Shrikant Gond, Ganesh Shinde, Netwin
Events Organized		Aug 17, 2014	Organized “Expert talk on SWOT Analysis”,	For CSI Chandwad Students by Sandip Karkhanis, BOSCH , Nasik, at SNJB’s KBJ COE, Chandwad
			A one day workshop on “Laptop Troubleshooting	” by Mr. HarshallLunkad for Computer Enggineering Students of SNJB COE
		Jun 28, 2014.	Organized “Seminar on Project Idea Elicitation	For B.E Computer Students at SNJB COE, Chandwad by Mr. Ashwin Kandoi,
			Organized a 5 days training program on “Fundamentals of Computer Engineering & Internet” for Rural Woman Community.	SNJB’s KBJ COE, Chandwad
Events Participated	Year	Status	Description	Conducted At& Location
	2001-02	Concept	Project Exhibition	PICT, Pune
Administrative Duties	1) Incharge of Admission Process, Since 2008 to 2016. 2) Reviewer for ICRTET-2011-2016 3) Head of Computer Department from 2007-15 4) Academic Dean , Department Of Computer Engineering, SNJB’s KBJain College of Engineering, Chandwad, 2008-2015 5) ERP Coordinator (SNJB) 2015 to till date 6) EDC Secretary (College Level) 2015-16 7) Administrative Coordinator (Department) 2015- Till Date 8) Chairman, Area Allotment (College Level) 2016			

	<p>9) Editor, IJEST : CS from 2014 to till date 10) Associate Editor, ICRTET-2014 to 2015 11) Program Director, ICRTET-2013 12) Member of Editorial Board, International Journal of Electronics, Communication and Soft Computing Science and Engineering (IJECSCSE) 13) Reviewer for Sandip Foundation's "International Journal on Emerging Trends in Technology (IJETT) (ISSN (PRINT) : 2340 0808)" Steering Committee Member of NAAC 14) Head of IT Department (2008-09) 15) Network Administrator, SNJB Intranet Campus. 16) Organizing Committee Member, Annual Gathering 17) Organizing Committee, 1st International Conference in Recent Trends in Engineering & Technology 18) Senior Supervisor, University Examination, University of Pune 19) Senior Supervisor, On line Examination, University of Pune 20) Member, Anti-Ragging Committee, SNJB's KBJ CoE, Chandwad. 21) Member, Forum of Anti-Suicide, SNJB's KBJ CoE, Chandwad. 22) Member, Grievances Redressal Committee, SNJB's KBJ CoE, Chandwad. 23) Member, LMC, SNJB's KBJ CoE, Chandwad.</p>		
Academic Duties	<p>1) Academic Dean , Department Of Computer Engineering, SNJB's KBJain College of Engineering, Chandwad, 2008-2015 2) Member - Syllabus framing Committee for undergraduate courses i.e.Third Year (Data Base Management System & RVPL) 3) Member LIC Committee (University of Pune) 4) Member of UGC Committee (University of Pune) 5) Member paper setter panel for university of Pune, SRTMU, Nanded & Govt. Polytechnic, Nashik. 6) Examiner for ME (CSE) Savitribai Phule University, Pune, SRTM University, Nanded and NMU, Jalgaon. 7) Examiner for Government Polytechnic, Nashik 8) Examiner for COPA Subject, ITI Chandwad 9) Member, CAP Assessment for DBMS of TE Computer in SPPU, Pune 10) Member, Squad in SPPU, Pune 11) Recognition as a Post Graduate Teacher (BUTR/Engg./164/1367) by SPPU, Pune</p>		
Ongoing Projects	<p>1) Smart Ad 2) Smart Jewell</p>		
Achievements	Year	Description	Awarded By
	1997-98	Best Outgoing Student	SHHJB Polytechnic
	2008-09	2 nd University Topper at SRTM University, Nanded	MGM COE, Nanded
	2009-10	Certificate of Merit for, "Excellence and devoted service in teaching profession reflected by achieving hundred percent results in various subjects in the year 2005-06, 2008-09 and 2009-10", by Principal and	SNJB's KBJ CoE, Chandwad

		Management of SNJB's KBJ College of Engineering	
	2012-13 (6/10/12)	3) "Promising Engineer" Award	Institute of Engineers India (Nashik Centre) 2012.
	2012-13	Best Teacher Award by Jain Social Group Grape City, Nashik	Jain Social Group Grape City, Nashik
	2016-17 (7/16/16)	Certified Secure Computer User v2 Certification Number- ECC37537189213	EC-Council
		Significant Contribution Award	CSI India
Any other Information	<p>Invited as Session Chair :</p> <ul style="list-style-type: none"> • cPGCON-2014, held by MCERC, Nashik • Emerging Trends & Future Challenges of E-Commerce and its Applications, held by LMCST, Jodhpur, 2014. <p>Technical Consultancy :</p> <ul style="list-style-type: none"> • Technical Consultant for VynkateshNagariSahkariPatsanstha Ltd., Chandwad • Technical Consultant: SNJB Campus for Computer & Networking. <p>Book Publications : M. R. Asanghavi, V. J. Gond, M. M. Rathore, J. J. Chopade, P. R. Bhaladhare, Y. L. Bhirud, "Proceeding of the 2nd International Conference on Recent Trends in Engineering", Volume, I-IV, ISBN : 978-81-926080-0-6, 2013</p>		