Curriculum Vitae

1. Name   :   **Dr. Dineshkumar Nanasaheb Satange**
2. Address (residential)   :   12-A , Santaji Nagar, Amravati 444606
3. Phone No. /Cell No.   :   9370653198
4. E-mail address   :   dineshnsatange@rediffmail.com
5. Designation   :   Asst. Professor
6. Department   :   Computer Science
7. Date of Birth   :   10/08/1975
8. Area of specialization :   Image Processing, Pattern Recognition Biometric Techniques, Soft Computing

9. Academic qualification   :

Examination passed	University	Subject	Year of passing	Division/Grade/ Merit
Bachelor's Degree (B. Sc.)	S.G.B. Amravati Univ. Amravati	Computer Science, Mathematics, Physics	1996	I
Master's Degree (M. Sc.)	S.G.B. Amravati Univ. Amravati	Computer Science	1998	I
Ph.D.	S.G.B. Amravati Univ. Amravati	Computer Science	2017	-

Ph.D. supervisor	S.G.B. Amravati Univ. Amravati	Computer Science	2019	1- Student registered

10. Membership of Academic Organizations:

Member of S.G.B. Amravati University Amravati Computer Science Teachers Association

11. Orientation/Refresher Courses Attended:

Sr. No	Name of the Course	Period	Conducting Agency	Rank Achieved
1	Refresher Course (Computational Science)	5 Jun 2000 to 28 Jun 2000	Academic Staff College, Nagpur, Conducted at Amravati University, Amravati	A
2	Orientation Course	08 November 2002 to 01 December 2002	Amravati University, Amravati	B
3	Refresher Course (Information Communication Technology)	03 March 2010 to 20 March 2010	Academic Staff College, S.G. B. Amravati University, Amravati	A
4	Refresher Course in Computational Sciences	04 October 2010 to 21 October 2010	Academic Staff College, S.G. B. Amravati University, Amravati	A

12. Seminars/ Conferences/ Symposia/ Conferences organized/attended/participated

A. Seminar/Workshop /Training Program Organized

Sr. No.	Name of the Conf. / Seminar / Workshop etc.	Place and Name of the Sponsoring	Place and Date

		Agency	
1	Workshop on **Vermi Composting from Kitchen and Garden Waste** was conducted by the College **(Role: Co-ordinator)**	Adult and Continuing Education S. G. B. Amravati University Amravati	Arts, Commerce & Science College Kiran Nagar, Amravati. **Date: 6th January 2007**
2	Workshop on **Image Processing** was conducted by the department **(Role: Co-ordinator)**	Student guidance and Counseling cell S. G. B. Amravati University Amravati.	Arts, Commerce & Science College Kiran Nagar, Amravati. **Date: 27th March 2010**
3	Workshop on **Pantpradhan Swayamrojgar Nirmiti**	Student Counseling and Progression Cell	Arts, Commerce & Science College Kiran Nagar, Amravati. **Date: 01/03/2016**
4	Workshop on **Basic Hardware and Networking with Cyber Security** **(Role: Co-ordinator)**	Computer Technology Society(ISO 9001-2008 Certified)	Department of Computer Science Arts, Commerce & Science College Kiran Nagar, Amravati. **Date: 19-25/09/2011**
5	Workshop on **Unlearn Fears learn Confidence** **(Role: Co-ordinator)**	Student Counseling and Progression Cell	Arts, Commerce & Science College Kiran Nagar, Amravati. **Date: 10/10/2016**
6	One Day Workshop on **Languages and Opportunity in Career** **(Role: Organizing committee member)**	Student Counseling and Progression Cell	Arts, Commerce & Science College Kiran Nagar, Amravati. **Date: 03/03/2016**
7	Workshop on **Rojgar Sandhi** **(Role: Co-ordinator)**	Student Counseling and Progression Cell	Arts, Commerce & Science College Kiran Nagar, Amravati. **Date: 09/01/2017**
8	Training Program (For training students under CSR's Youth Employability Initiative) **(Role: Co-ordinator)**	Mahindra Pride Classroom and Naandi Foundation, Pune	Arts, Commerce & Science College Kiran Nagar, Amravati. **Date: 26/09/2018 To 15/10/2018**

B. Seminar/workshop Attended and Participated

Workshop	**Advanced and future trends of IT** Eighth Annual Conference of Society of Statistics, Computer & Application, GVISH, Amravati. **Date : 28-30 November 2005**	Attended
	Workshop on XML Technologies Venue: Shri Shivaji Science College, Amravati **Date: 26-27 October. 2005**	Attended
	Workshop on **Image Processing** was conducted by the department (Coordinator) Arts, Commerce & Science College Kiran Nagar, Amravati. **Date: 27 March 2010**	Participated
	One day workshop on **Image Processing,** at Shri. Brijlal Biyani Science College, Amravati. **Date: 03-10-2013**	Participated

	Free Open Source Software(FOSS) State Level Workshop Venue: Shri Shivaji Science Collge, Amravati **Date: 21-23 July. 2011**	Participated
	Three days National workshop on **Advances in Computing (Theme: Image Processing),** at School of Computer Sciences North Maharashtra University Jalgaon. **Date: 13-15 February 2014**.	Participated
	One day workshop on **ICT** at Department of Computer Science, Arts Commerce and Science College Amravati. **Date: 07-09-2014.**	Attended
	One day workshop on **Data Warehousing and Reconstructing the Curriculum of PG and UG.** Computer Science at Shri. Shivaji Science College , Amravati. **Date:09-01-2015**	Attended
	One day **Massive Training Program at SGBAU,** Amravati. **Date: 27-08-2015**	Attended
	One day workshop on **Big Data Technology** at Brijlal Biyani Science College, Amravati. **Date:30-10-2015**	Attended
	New University Act, Vinod Tawade Samiti, Workshop held at SGBAU, Amravati. **Date: 01-11-2015**	Attended
	One day workshop on **ICT for Staff**, Department of Computer Science, Arts Commerce and Science College Amravati. **Date: 11-01-2016**	Attended
	One day workshop on **Android Application Development** at P.G. Department of Computer Science & Technology, DCPE , Autonomous College Amravati. **Date: 15-01-2016**	Attended
	State level One day workshop on **The Maharashtra Public Universities Act 2016,** Amravati. **Date: 27-04-2017**	Attended
	One day workshop on **Digital India and E Banking Knowledge** at Arts Commerce and Science College Amravati. **Date: 16-09-2017**	Attended
	One day workshop on **Preparation of Competitive Examinations,** Arts Commerce and Science College Amravati. **Date: 22-09-2017**	Attended
	One day State Level workshop on **Current Issues of the Higher Education,** at Loknayak Bapuji Aney Mahila Mv. Yavatmal. **Date: 10-08-2017**.	Attended
Winter School	Winter School on **Biometrics for Secured Authentication: Fundamentals and Advances,** **Date: 22-27 Nov 2013**	Attended

C. Seminars/conferences/symposia/attended

National/Inter national	Name of Conference/ Seminar/Workshop etc.	Paper/Poster Presentation
National Conference	**Advanced and future trends of IT** Eighth Annual Conference of Society of Statistics, Computer & Application, Venue: GVISH, Amravati. **Date : 28-30 November 2005**	**Attended**
National Conference	UGC Sponsored National Conference on **Banking and Insurance In 21st Century** Venue: Shankarlal Khandelwal Arts, Science and Commerce College Akola, Maharashtra. **Date: 14-15 October 2011**	**Paper presented**

	Paper Title: Application of Biometric Security System In Banking Industry.	
National Conference	National Conference on **Recent Advancement in Science, Technology & Management(RASTM 2011)** Venue: Vindhya Institute of Technology and Science Indore Madhya Pradesh. **Date: 12-13 November 2011** **Paper Title: Face recognition under Variant Illumination using Retinex Algorithm and SVM**	**Paper Presented**
National Conference	National Conference on **Advances in Computing** Venue: Department of Computer Science North Maharashtra University Jalgaon Maharashtra **Date: 16-17 March 2012**	**Participated**
National Conference	UGC Sponsored National Conference on **Emerging Trends in Information Technology and Business computing (ITBC-12)** *Venue*: Dhanwate National College, Nagpur, Maharashtra. **Date: 13 October 2012** *Paper Title 1: Acceptance of Consumer using Biometrics for Identity verification in Financial Transaction.* *Paper Title 2: A Comparison of Biometric Traits for Information Security.* *Paper Title 3: Users Biometric Recognition for Security Purpose In E-Learning.*	**Three Papers Presented**
National Conference	National Conference on **Recent Initiatives towards Green Electronics (NCRIGE-2013)** Venue: P.G. Department of Electronics, Brijlal Biyani Science College, Amravati Maharashtra. **Date: 08-09 February 2013** **Paper Title: Effect of CCTV image Resolution on Face Recognition.**	**Paper presented**
National Conference	National Conference on **Recent Advances in Electronics and Computer Science** Venue: SSES Amravati's Science College, Nagpur, Maharashtra. **Date: 23-24 Jan 2014** *Paper Title 1*: Study of Various Enhancement and Filtering Techniques on CCTV Outdoor and Infrared Face Images. *Paper Title 2*: Identification and Recognition Of Plant Leaf By Using Digital Image Processing. *Paper Title 3*: Digital Image Steganography Techniques ; A Survey	**Three Papers Presented**
International Conference	2nd Interdisciplinary International Conference on " Role of Higher education in Creation of Knowledge Society" At. Sunit's Institute of English Language Literature and Research , Jalgaon , Maharashtra. **Date: 20-21 Feb 2015**" **ICT in Higher Education in Teaching and Learning: Challenges and Opportunities** Page No. 97-98"	**Paper Presented**
International Conference	3rd International Conference on "Emerging Trends and Research in Engineering and Technology" **Date: 06-07 April 2015**, Dr. Rajendra Gode Institute of Technology and Research, Amravati, M.S. (MS). **NC-Face Database for Face and Facial Expression Recognition**	**Paper Presented**
International Conference	4th International Conference on "Emerging Trends and Research in Engineering and Technology" **Date: 30,31 March 2016**., Dr. Rajendra Gode Institute of	**Paper Presented**

	Technology and Research, Amravati, M.S. (MS). **Image Compression using Fourier Transform**	
National Seminar	One day National Seminar on nanotechnology and Nano engineering (NSNN 2016) **Date: 29-09-2016**. at Dept. of Chemistry, Arts, Commerce and Science College Kiran Nagar, Amravati **Application of Image Processing and Pattern Recognition in Chemistry**	**Poster Presented**
International Conference	International Conference on recent Advances in Computer Science, Engineering and Technology. At MGM Dr. G.Y. Pathrikar College of Computer Science and IT **Date: 02,03,04 February 2017** **Composite Feature Extraction based on Gabor and Zernike Moments for Face Recognition.**	**Paper Presented**
International Conference	2nd International Conference for Convergence in Technology (I2CT 2017), Pune, Maharashtra. **Date: 07-09 April 2017** **Facial Expression Recognition using Wavelet Transform and Local Binary Pattern**	**Paper Presented**
International Conference	International Conference on Recent Trends in Science & Technology ICRTST 2018 , SSSK Innani Mahavidyalaya Karanja Lad, Maharashtra **Date: 22-23 March 2018** **STUDY OF FREQUENCY DOMAIN FILTRATION TECHNIQUES ON VARIOUS TYPES OF IMAGE**	**Paper Presented**

D. Chapters Published in Books:

Sr. No.	Title with page nos.	Book Title, editor & publisher	ISSN /ISBN No.
01	Text Book of Computer Science "Data Structure and Advance C"	Text Book of Computer Science Advanced C++ and Web Designing, Edition: First 2015-16 Editor: Dr. H. S. Mahalle Publisher: Milind Dahake, Nabha Prakashan, Shyam Nagar, Amravati	ISBN: 978-81-905776-102-2

13. Paper Published in Journals

Title with page nos.	Journal	ISSN No.
A Study of Different Types of Biometric Techniques Page No.1-8	International Journal of Engineering Research & Technology(IJERT) Volume 2, Issue 3 ,March 2013	2278-0181
Historical Document Preservation using Image Processing Techniques Page No.247 – 255	International Journal of Computer Science and Mobile Computing (IJCSMC) Vol. 2, Issue. 4, April 2013,	2320-088X

Study And Analysis Of Enhancement And Edge Detection Method For Human Bone Fracture X-Ray Image Page No. 1196 – 1202	International Journal of Engineering Research & Technology(IJERT) Volume 2, Issue 4 , April 2013	2278-0181
Microscopic Image Analysis for Plant Tissue Using Image Processing Technique Page No. 1200-1204	International Journal Of Engineering And Computer Science (IJECS) Volume 2 Issue 4 April, 2013	2319-7242
Biometrics in Secure e-Transaction Page No. 243 – 248	International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) Volume 2, Issue 2, March - April, 2013.	2278-6856
NC-Face Database for Face and Facial Expression Recognition Page No. 591-598	International Journal of Pure and Applied Research in Engineering and Technology Volume 3(9), 1 May, 2015.	2319-507X
Image Compression Using Fourier Transform Page No. 339-345	International Journal of Pure and Applied Research in Engineering and Technology Volume 4(9), 1 May, 2016.	2319-507X
Composite Feature Extraction based on Gabor and Zernike Moments for Face Recognition. Page No. 17-23	IOSR Journal of Computer Engineering (IOSR-JCE) , Date: February 2017	e-ISSN: 2278-0661, ISSN: 2278-8727,
Facial Expression Recognition using Wavelet Transform and Local Binary Pattern Page No. 338-342	2017 2nd International Conference for Convergence in Technology (I2CT) 978-1-5090-4307-1/17/$31.00 ©2017 IEEE , Date: 04/07/2017	DOI:10.1109/I2CT.2017.8226147
Study Of Frequency Domain Filtration Techniques On Various Types Of Image Page No. 2063-2071	Aayushi International Interdisciplinary Research Journal (AIIRJ) Special Issue No. 26, Date: March 2018	ISSN 2349-638x
Offline Handwritten Gujrati Numeral Recognition Using MLP Classifier Page No. 31-34	International Journal of Novel Research and Development Volume 3, Issue 8 August 2018		ISSN: 2456-4184

14. Teaching Experience

Courses Taught	Name of the University/College/Institution	Duration
UG	Arts, Commerce & Science College Kiran Nagar, Amravati. -	**20 Year (Currently working)**
PG	Arts, Commerce & Science College Kiran Nagar, Amravati.	**11 Year**
	Sir C. V. Raman P. G. Institute Amravati	**2 Year**
	Dept. of Computer Science & Eng. S. G. B. Amravati University Amravati	**1 Year**

15. Innovations/Contributions in teaching

a. Teaching Methods

● Classroom teaching, Group Discussions, Use of DLP/LCD Projectors, Questions & answers (Question bank), student Seminars

b. Laboratory Experiments

● Execution of programs, Flowcharts, Dataflow diagrams

c. Preparation of resource materials

● Lecture notes, program list, internet content, etc.

d. Resource person/ keynote speaker /Judge

● At UGC sponsored one day workshop on information & communication technology organized by S.S. S. K. R. Innani Mahavidyalay Karanja (Lad) Dist. Washim

Date: 24 March 2010

●At One day workshop on **Matlab and Image Processing Tool** At G. S. Arts, Commerce and Science College , Khamgaon .

Date 28th February 2015

●Guest Lecture on **Image Processing** At G. S. Arts, Commerce and Science College, Khamgaon.

Date 30th March 2015.

● Guest Lecture on **Image Processing and its Application,** at Department of Computer Science, Shri. Shivaji Science College, Amravati.

Date: 03th October 2015.

● Worked as member of jury for "University Level Intercollegiate Seminar Competition"for Computer Science students at Adarsha Science, J.B. Arts & Birla Commerce Mahavidyalaya, Dhamangaon Rly. In qollaboration with Amravati University Computer Science Teachers' Association on dated 13 February2016

e. Extension activities/consultancy/community works.

● Delivered lectures to NSS students and Villagers on Various Topic
● Delivered lectures to Various Places on Various Topic
● Presiding officer in Amravati Municipal Corporation & Loksabha elections.

16. Role in college activities

● Member of Various committee formed at the college level.
● Computer awareness program for the office staff of Arts, Commerce & Science College Kiran Nagar, Amravati

17. Role in university activities

● Co-officer, summer examination 2007, 2008
● Member of local enquiry committee
● Member of subject examination committee (UG & PG)
● Member of syllabus sub-committee

● Paper setter and valuer for UG & PG exams

● External examiner for practical examinations (UG & PG)

● Member of the Committee for Classification of Malpractice cases in university examinations

● Member of the Academic Services unit, Computer Center, SGBAU Amravati.

● Member of the Squad for University Examination SGBAU Amravati

● Member of the Selection Committee as a Subject Expert of SGBAU Amravati for various Colleges.

18. Any other information

● ***President***: Chandrabhaga Gramin Vikas Bahudeshiya Shishan Sanstha, Chamak, Teh. Achalpur, Dist. Amravati

● Treasurer Hanuman Vayam Mandal, Chamak The. Achalpur, Dist. Amravati

● Organizer: Blood Donation Camp 2001, at Chamak Ta. Achalpur, Dist. Amravati

Dist. Amravati. Collaboration with Dr. Hedgewar blood bank

Nagpur

● Organizer: Krishi Pradarshani 2002, at Paratwada Ta. Achalpur, Dist. Amravati.

● Various lectures delivered at various villages for awareness and promotion of Organic Farming, Vermi Composting.