RESUME

1. **Name**   :   VAIDYA MADHAV VITTHAL

2. **Nationality**   :   Indian

3. **Address**   :   Assistant Professor,   Department of Information Technology,

     SGGS College of Engineering and Technology, Vishnupuri, Nanded, 431606

5. **Email**   :   mvvaidya@gmail.com, mvvaidya@sggs.ac.in

6. **Research Interests** :   Digital Image processing, Pattern Recognition, Data Mining

Educational Qualifications:

(Attach attested copies of marks-sheet and certificates)

Examination	Name of the Institute/University/Board	Subject / Specialization	Year of Passing	Percentage of Marks
S.S.C. (X)	Aurangabad Board	Marathi medium	1992	75.14
H.S.C. (XII)	Aurangabad Board	General PCMB	1995	76.60
Graduation* B. E. (CSE)	Swami Ramanand Teerth Marathwada University, Nanded (SGGS IE&T, Nanded)	B. E. (Computer Science and Engineering)	1999	62.00
Post Graduation*	Swami Ramanand Teerth Marathwada University, Nanded	M. E. (Electronics Sp. in Computer	2003	67.00

M. E. (EC)	(SGGS IE&T, Nanded)	Technology)		
Ph.D.* (CSE)	Swami Ramanand Teerth Marathwada University, Nanded	Computer Science and Engineering	2018	–

* Please specify name of the diploma / degree

Experience (Teaching, Industrial and Research)**: Use separate sheet(s) if required**

Sr. No.	Name of the Institute	Post Held	Period	Number of years	
1	Arkay college of engineering & technology, Bodhan Nizamabad Dist. (A.P.)	Lecturer	17-08-2000 to 29-10-2003	3 years 2 Months	**TEACHING EXPERIENCE** : Total 14 years 08 month(s)
2	Government Polytechnic, Nanded	Lecturer	30-10-2003 to 29-06-2004	8 Months	
3	SGGS Institute of Engineering and Technology, Nanded 431606	Assistant Professor	30.06.2004 Till date	14 year 08 Months	

INDUSTRIAL / RESEARCH EXPERIENCE: Total _____ years _____ month(s)

(Attach attested copies of certificates from the employer(s))

Sr. No	Name of the Industry / Organization	Post Held	Period	Number of years

	Nil			

ADMINISTRATIVE EXPERIENCE:

Sr. No.	Designation Name of the Industry / Organization	Nature of Duties	Period	Number of years
1	Arkay college of engineering & technology, Bodhan Nizamabad Dist. (A.P.)	Head CSIT Dept.	17-08-2000 to 29-10-2003	3 years 2 Months
2	SGGS Institute of Engineering and Technology, Nanded 431606	In charge Head, IT Dept	16.01.2015	6 Months
3	SGGS Institute of Engineering and Technology, Nanded 431606	Head, IT Dept	07.08.2017 08.08.2019	2 Years
4	Program officer - National Service Scheme	Social Service	July 2014 Till Date	4 year 8 Months

RESEARCH PUBLICATIONS/CONTRIBUTIONS:

Number of Publications (National /International Peer Reviewed Journal):

Sr. No.	Author/s	Title (with volume and year)	Name of Journal
1	Gopal Choudhari, M V Vaidya,	Security Assessment Automation Framework: Web Applications″,	*International Journal of Computer Science and Information Technologies* Volume 03 Issue 07 July, 2014.
2	**M. Vaidya, Y. V. Joshi.**	Handwritten Numeral Identification System Using Pixel Level Distribution Features	*Smart Innovations, Systems and Technologies*, Springer publishing, Vol. 2, pp. 307–315, 2017
3	M. Vaidya, Y. V. Joshi, M. Bhalerao	Segmentation based optical character recognition for Marathi characters″,	International Journal of Advanced Research in Science and Engineering, Vol. 06, issue 08, pp. 1542–1549, 2017
4	M. Vaidya, Y. V. Joshi, M. Bhalerao	Marathi Numeral Identification System In Devanagari Script Using Discrete Cosine Transform	*Journal of Intelligent Engineering and Systems*, Vol. 10, No. 06, pp. 78–86, 2017.
5	M. Vaidya, Y. V. Joshi, M. Bhalerao	Discrete Cosine Transform Based Feature selection For Marathi Numeral Recognition System	*Advance Intelligence and Soft Computing*, Springer publishing, 2017.
6	VS Motegaonkar, M V Vaidya	A survey on sequential pattern mining algorithm	*(IJCSIT) International Journal of Computer Science and Information Technologies,* Vol. 5 issue 2, May 2014, pages: ISSN 2319 –

			7242
7	Gopal R. Choudhari, M V Vaidya,	A Survey on Security and Vulnerabilities of Web Applications	*(IJCSIT) International Journal of Computer Science and Information Technologies* Vol. 5 issue 2, May 2014 Pages 1856–1860 ISSN 0975–9646
8	Madhav Vaidya, Nidhi Dahatkar, Balika Kolhe	Predictive Monitoring System Using K–NN, QDC Classifiers of Physiological Data	Information and Communication Technology for Intelligent Systems

Number of Publications (National /International Peer Reviewed Conferences):

Sr. No.	Author/s	Title of paper with year of publication	Name of Conference
1	M V Vaidya, Anil B Gonde, A Kulkarni	Color image indexing and retrieval using histogram intersection and BTC	*National conference on TSyGECA - 06 (Technical Synopsis Government Engineering College, Aurangabad)* January 2006.
2	M V Vaidya, A Kulkarni	Color image indexing and retrieval: A comparative study and combined approach",	*International Conference on Advanced computing and communication technologies, ICACCT–2007 at Asia Pacific Indian Institute of Technology, Panipat.* Nov 2007.
3	M V Vaidya, B S Shetty	Performance and Analysis of Web Server using LDAP	*International Conference on Science, Engineering and Spirituality at S.E.S. College of Engineering, Navalnagar, Dhule* April 2010.
4	M. Vaidya and Y V Joshi	Marathi Numeral Recognition using statistical distribution features	*Proc. IEEE conference on Information processing ICIP, pp. 586–591, 2015.*
5	M V Vaidya, Sapna Kamble	Optical Character Recognition for Handwritten Devanagari Script focused on Segmentation",	*Indian Conference on Signal and Image Processing – 2015 (ICONSIP–2015), SGGSIE&T, Nanded, July 2015*
6	***M V Vaidya,** Snehal Rokade*	Number plate recognition system	*Indian Conference on Signal and Image Processing - 2015 (ICONSIP-2015), SGGSIE&T, Nanded, July 2015*
7	Latika A Thamke, Madhav V Vaidya	Classification of Lung Diseases Using a Combination of Texture, Shape and Pixel Value by K–NN Classifier	*2018 2nd International Conference on I–SMAC (IoT in Social, Mobile, Analytics and Cloud)(I–SMAC)*
8	Neha G Kurale, Madhav V Vaidya	Classification of Leaf Disease Using Texture Feature and Neural Network Classifier	*International Conference on Inventive Research in Computing Applications (ICIRCA)2018*
9	Nishigandha G Kurale, MV Vaidya	Retinal Hemorrhage Detection Using Splat Segmentation of Retinal Fundus Image	*International Conference on Computing, Communication, Control and Automation (ICCUBEA)2017*

10	Madhav V Vaidya Mayuri D Malas	Real-Time Progressive Event Summarization and Sentiment Analysis on Evolutionary Tweet Stream	*International Conference on Intelligent Computing 2017*

List of ISTE/QIP/Short term courses attended :

NO	Name of STTP/ Workshop/ Training	Venue	Sponsored By	From	To	No. of Days
1.	Cell BE Solutions workshop	IIT Bombay, Powai, Mumbai	IBM, KReSIT	20/03/2007	22/03/2007	03
2.	Workshop on Intellectual Property Rights	SGGSIET, Nanded.	TEQIP	13/08/2006	14/08/2006	02
3.	Training on AIX 5L Basics	Silverlight Technologies, Banglore	IBM Global Services, India	03/07/2006	06/07/2006	04
4.	Red Hat Linux Refresher Program	SGGSIET, Nanded.	SGGSIET, Nanded.	28/06/2006	01/07/2006	04
5.	Red Hat Linux Program	SGGSIET, Nanded.	SGGSIET, Nanded.	12/01/2006	24/01/2006	13
6.	Red Hat Enterprise Server System Administration and Network Services with Security Administration	St. Francis Institute of Technology, Borivali, Mumbai.	ISTE	17/12/2005	23/12/2005	07
7.	Object-Oriented Analysis and Design using the UML with Fundamentals of Rational Rose	Zensoft Services, Pune	IBM	19/09/2005	23/09/2005	05
8.	State level conference on Opportunities in IT with special reference to IT Policy of Govt. of Maharashtra	SGGSIET, Nanded.	Entrepreneurship Development Cell and District Industry Center, Nanded.	05/11/2004	07/11/2004	03

9.	STTP on Computer Networking: Concepts to recent trends	SGGSIET, Nanded.	ISTE	25/05/2009	29/05/2009	05
10	STTP on C programming and its applications	SGGSIET, Nanded	ISTE	22/06/2009	26/06/2009	05
11	STTP on Recent Trends in Digital Image Processing	G.H. Raisoni College of Engg. Wagholi, Pune	ISTE	24/11/2009	28/11/2009	05
12	High Impact Teaching Skills Mission 10X	SGGSIET, Nanded.	Dale Carnegie Training, WIPRO	30/11/2009	01/12/2009	02
13	Effective Teaching/ Learning methods of Programming Languages	IIT Bombay, at MGMCOE Nanded.	ISTE	14/12/2009	24/12/2009	11
14	Neural Network Design	Sinhgad College of Engineering, Pune	AICTE	13/6/2011	25/6/2011	11
15	Recent Advances in Speech, Image and Video Processing	SGGSIET, Nanded	AICTE	12/12/2011	23/12/2011	11
16	Linear Algebra and Its Applications	SGGSIET, Nanded	TEQIP II	21/5/2012	2/6/2012	12
17	Moving towards open source	VIT, Wadala, Mumbai	AICTE	25/6/2012	6/7/2012	12
18	Wireless Sensors and Their Applications	SGGSIET, Nanded	TEQIP II	18/3/2013	22/3/2013	5
19	Security challenges in Computer Science	SGGSIET, Nanded	TEQIP II	24/6/2013	28/6/2013	5

20	National Conference on Instrumentation, Control and Signal Processing	SGGSIET, Nanded	TEQIP II	8/7/2013	9/7/2013	2
21	Challenges in Big Data Research	NIT, Jaipur	TEQIP II	9/11/2013	13/11/2013	5
22	National Conference on Advances in Computing, Networking and Security	SGGSIET, Nanded (Organizer)	TEQIP II	23/12/2013	24/12/2013	2
23	Workshop on Quality Initiatives in Technical and Higher Educational Institutes	Engineering Staff College of India, Hyderabad	TEQIP II	11/2/2014	13/2/2014	3
24	Training and Identification of Master Trainers and Evaluators on Outcome Based Accreditation Process and Parameters	SGGSIET, Nanded	TEQIP II	21/3/2014	23/3/2014	3
25	Fundamentals and Advances in Artificial Neural Networks	SGGSIET, Nanded	TEQIP II	9/6/2014	13/6/2014	5
26	Corporate Social Responsibility and ISO 26000	National Productivity Council, Port Blair, Andaman Nicobar Islands	TEQIP II	29/11/2014	3/12/2014	5
27	Corporate Social Responsibility in Indian Context	SGGSIET, Nanded	TEQIP II	20/2/2015	21/2/2015	2
28	Biomedical Signal Processing	SGGSIET, Nanded	TEQIP II	30/3/2015	3/4/2015	5

29	Statistical Inference and Linear Algebra	SGGSIET, Nanded	TEQIP II	16/12/2013	21/12/2013	6
30	Multirate Signal Processing and Wavelets	SGGSIET, Nanded	aicte	29/06/2015	10/07/2015	12
31	IEEE International Conference on Information Processing ICIP, Dec-2015	VIT Pune		16/12/2015	19/12/2015	04
32	Indistrial Waste Management	SGGSIET, Nanded	TEQIP	17/12/2015	21/12/2015	5
33	19th National Seminar on Physics and Technology of Sensors	SGGSIET, Nanded	TEQIP II	3/3/2016	5/3/2016	3
34	Mathworks MATLAB Expo	Hotel Westin, Koregaon Park, Pune		26/04/2016	26/04/2016	1
35	MATLAB in Research and Data Analytics	SGGSIET, Nanded	TEQIP II	2/05/2016	7/05/2016	6
36	Satellite Conference on International conference on Science and Technology for Sustainable Development	Sandip Foundation, Nashik		24/05/2016	26/05/2016	3
37	Python Programming	SGGSIET, Nanded	TEQIP-II	12/08/2016	17/08/2016	6

38	Workshop on Coding Theory and Cryptography	SGGSIET, Nanded	TEQIP-II	26/12/2016	31/12/2016	6
39	Statistical Analysis for Signal and Image Processing	SGGSIET, Nanded	TEQIP-II, COE	27/02/2017	4/03/2017	6
40	International Conference on ICT for Intelligent Systems (Springer)	Hotel Pride Plaza, Ahmedabad	--	25/03/2017	26/03/2017	02
41	Computer Networks	SGGSIET, Nanded	AICTE-QIP	12/03/2018	16/03/2018	5
42	Linux Automation with Python	SGGSIET, Nanded	AICTE-QIP	23/02/2019	27/02/2019	5
43	Probability and Statistics	SGGSIET, Nanded	AICTE-QIP	15/03/2019	20/03/2019	6
44	Waste to Energy-A Green Approach	SGGSIET, Nanded	AICTE-QIP	03/07/2019	07/07/2019	5

Number of Books published/under publication:

Sr. No.	Title of Book	Discipline	Publisher with year	ISBN No.
	Nil			

Number of Projects (completed/ in progress):

SNo.	Title of Project	Amount Granted	Granting Agency	Period
	Nil			

Number of PG students guided (completed/ in progress):

Sr. No.	Name of Student	Dissertation Title	Year
1.	Choudhari Gopal R.	Internate/Information Security	2014
2.	Hanwate Tushar P.	Impact of m Krushi solution	2014
3.	Motegaonkar Vishal S.	Cloud based biometric service	2014
4.	Sapna Kamble	Devanagari character recognition	2015
5.	Snehal Diwakar Rokade	Number Plate Recognition System For Indian Cars	2015
6.	Babar Sheetal	Mining With Noise Knowledge: Error-Aware Data Mining	2016
7.	Bhatkulkar Sneha	On the use of side Information for Mining Text Data	2016
8.	Kunkari Asmita	NN language models for offline handwriting Recognition	2016
9.	Mayuri Dashrath Malas	Real-Time Progressive Event Summarization and Sentiment Analysis on Evolutionary Tweet Stream	2017
10.	Nishigandha Gopalrao Kurale	Retinal hemorrhage detection using splat segmentation of retinal fundus images	2017
11.	Bindiya Suresh Telgote	Social Media Re-ranking to Retrieve Tag Based Image	2017
12.	Kurale Neha Gopalrao	Classification of Leaf diseases using Texture Feature and Neural Network Classifier	2018
13.	Thamke Latika Ashokrao	Detection and Classification of Lung Diseases using Image Processing	2018
14.	Patni Shradha Sanjay	Vulnerabilities Detection And Removal In PHP Code Using WAP And WEKA Tool To Provide Security	2019
15.	Bhosale Suchita Arjunrao	Discrimination Aware Data Mining To Find Out Algorithmic Biasing	2019
16.	Quazi Mohammadi Begum	EEG Signal Classification Of Cognitive Workload Before And After Meditation	2019

Number of Ph.D. guided (completed/ in progress):

Sr. No.	Name of Research Scholar	Thesis Title	Year

Sr. No.	Name of workshop/ seminar/ conference	Details
	Nil	

Experience of organizing events such as workshops, seminars and conferences:

Sr. No.	Name of workshop/ seminar/ conference	Details
1	STTP on Computer Networking: Concepts to recent trends	Organizing committee member
2	STTP on Wireless Sensors and Their Applications	Organizing committee member
3	STTP on National Conference on Advances in Computing, Networking and Security	Organizing committee member
4	STTP on Corporate Social Responsibility in Indian Context	Organizing committee member
5	STTP on MATLAB in Research and Data Analytics	Coordinator
6	STTP on Python Programming	Coordinator
7	STTP on Linux automation with Python	Coordinator

Demonstrated Experience in leadership:

A. Contribution to Teaching/ Academic Environment/ Institutional/ Department Corporate Life

1. **Consultancy work:** Conducted Four courses on "Linux Networking and System Administration for the students if nearby colleges
2. worked as Reviewer for conferences
3. Pragya Main Faculty Coordinator
4. Coordinator of Rang-Tarang

B. Member of professional bodies and awards
   a. **ISTE**
   b. **IEEE**

C. University recognition and related work
   a. NSS – worked as a program officer National Service scheme
   b. Developed a proposal for University Connectivity of S.R.T.M. University Nanded
   c. **Prepared M Tech (IT) proposal. It is sanctioned in year 2008**

D. Laboratory and Infrastructure development
   a. Developed Laboratories in the department

E. Any other significant contribution/ information

1. Conducted Workshop on Computer Hardware for students – 2006, 2007, 2008, 2009

2. Arranged Expert lecturer by Anup Waghmare – Carrier opportunities.

3. Developed a proposal for University Connectivity of S.R.T.M. University Nanded.

4. Guest Lecture on "Google Analytics" By Ms. Angel Sinha, google, hyderabad, on 2/2/2013 under TEQIP

5. Guest lecture on Manual Testing by Priya Uttarwar, Cognizant, Pune on 7/10/2011

6. Guest lecture by Ms. Kushal Sardar on "IT Industry best practices and Preparation of GRE" on 21/1/2015 from 2:00 to 4:00 pm for the B.Tech IT students and M.Tech IT students

7. Organized guest lecture by Dr. U S N Raju, Assistant Professor, Department of Computer Science and Engineering at National Institute of Technology, Warangal on Wavelets Based Steganography and Cryptography on 02/03/2015

8. Organized guest lecture by Mr. Amol Kharat, Project Manager, ALOHA Technologies, Pune, on 21 08 2015 on "IT Industry best practices and preparation of Interview", for TY IT and B.Tech IT Students.

9. One day workshop on Microprocessors and System Interfacing on 25/1/2012 Mr. Abhay Kulkarni, Assistant Professor, VDF, Latur.

10. One day workshop on Microprocessors and System Interfacing on 2/2/2013 Mr. Abhay Kulkarni, Assistant Professor, VDF, Latur.

11. Three day workshop on "Application development using windows technologies" by Tushar Sakhare (Leird Technologies, Bangalore) from August 6-8, 2013

12. One day workshop on Wavelet based Steganography and Cryptography, 02 March 2015 by Dr USN Raju, NIT Warangal.