



**Shri Shivaji College of Arts,  
Commerce and Science, Akola**

**Faculty Profile**

1. **Name** : **Dr. VINOD MAHADEORAO PATIL**
2. **Address (residential)** : “Silver Park”, Ajay Colony,  
Behind Deshonnati Press,  
Gorakshan Road, Akola
3. **Phone No. / Cell No.** : 0724-2451340, 09860333723
4. **E-mail address** : vinmpatil21@yahoo.co.in
5. **Designation** : Associate professor and Head,  
Department of Computer Science
6. **Department** : Computer Science
7. **Date of birth** : 31-07-1962
8. **Area of specialization:** OLAP, Data Mining, Data Warehousing,  
Web Mining, e-election system

**9. Academic qualification:**

<b>Examination passed</b>	<b>University</b>	<b>Subject/ Specialization</b>	<b>Year of passing</b>
<b>B.Sc.</b>	Nagpur Univ., Amravati	Phy, Mth, Stat	1983
<b>M. Sc.</b>	Amravati Univ., Amravati	Statistics	1985
<b>M. Phil.</b>	S.G.B. Amravati University, Amravati	Computer Science	2009
<b>Ph.D.</b> (Computer Science in the Faculty of Science)	S.G.B. Amravati University, Amravati	Study design and implementation of e-election system by using OLAP algorithms	2012
<b>P.G.D.C. Sc.</b> (In the Faculty of Engineering)	S.G.B. Amravati University, Amravati	Computer Science	1987

**10. Membership of Academic Organizations:**

- Member of Amravati University Computer Science Teachers Association
- Member of KVK research group, Aurangabad

- Life Member of NUTA
- Member of Mahatma Phule Shikshan Santha , New Delhi
- Life member of Youth Hostel Association of India, New Delhi

## 11. Research, Publications and Academic Contributions:

### A) Published Papers in Journals:

Sr. No.	Title with page nos.	Journal	ISSN / ISBN No.	Whether peer reviewed. Impact Factor, If any
1	Web Mining: Application For Web Based Distance Education Platform 2014	International journal of Computer Science and information technologies	Vol 5(3), 2014, 4424-4425 ISSN :0975-9646	Peer Review
2	Design of E-election System, Volume 6, No.2, Apr 2013, Page no. 45-55	International Journal Of Computer Science And Applications	ISSN: 0974-1011 (Open Access)	Peer Review
3	Difficulties in Design of Electronic Election System, Volume 6, No.2, Apr 2013, Page no. 238-242.	International Journal Of Computer Science And Applications	ISSN: 0974-1011 (Open Access)	Peer Review
4	“Electronic Voting System: An issue of Voters Privacy Against the security of the system”, Volume 3, No.3, May-June 2012, 0976-5697 Page No. 858-863, Impact Factor 4.3	International Journal of Advance Research in Computer Science	ISSN No. 0976-5697	Impact Factor 4.3
5	Towards Individuals and Universal Verification of On Line Election System”, Volume 3, No.3 May-June 2012, Page No. 864-870, Impact Factor 4.3	International Journal of Advance Research in Computer Science,	ISSN No. 0976-5697	Impact Factor 4.3
6	“Necessary Requirements to Developed an E-Election System Protocol Based on Legal, Social and Security Point of view” 7-8 April 2012 (MPGINMC-2012) , 0975-8887 Page No. 17-21	International Journal of Computer Applications	ISSN No. 0975-8887	Peer Review
7	Security Problem: Issue Raise during Voting Over Internet (VOI) First Edition January 2008 Page No. 247-255	Advances in Information Technology Internet Security	978-81-8404-427-0	Peer Review

8	Technology Management: Secure Protocol Management for Electronic Voting System (EVS) Page No. 1571-1577	Advances in Computer Vision and Information Technology	978-81-89866-74-7	Peer Review
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## 12. Seminars/ Conferences/ Symposia/ Conferences attended:

Sr. No.	Title of the Paper presented	Title of Conference / Seminar	Organized by	Whether international / national /state / regional/college or university level
1	I.S.T.E. Course Material	Office Automation with Personal Computers 13- April-1991	Amravati University, Amravati	University Level
2	Distributed Database Management System	Office Automation with Personal Computers 13- April-1991	Amravati University, Amravati	University Level
3	“Internet: To Improve the internal efficiency of organization”, National Conference on Information Technology in Current Trends (IT-CT 2000)”	National Conference on Information Technology in Current Trends (IT-CT 2000), 22-24 Jan-2000.	S.G.B. Amravati University Amravati	National
4	“CYBER SPACE: The overview of censorship and cyber law”, National Conference on Information Technology in Current Trends (IT-CT 2000)”	National Conference on Information Technology in Current Trends (IT-CT 2000), 22-24 Jan-2000	S.G.B. Amravati University Amravati	National
5	“On line Business and Robotics”	National Conference on Information Technology in Current Trends (IT-CT 2000), 22-24 Jan-2000	S.G.B. Amravati University Amravati	National
6	“E-election “	National Conference on Recent Trends In Information Communication Technology and Applications 11 <sup>th</sup> and 12 <sup>th</sup> Oct-	Jointly organized by Department of computer science and North Maharashtra University , Jalgaon (Maharashtra),	National

		2002.		
7	“E-GPS: Internet controlled Geographical Position System”	National Conference on Computer Communication and Security on 4-5,Jan 2004	Department of computer science and information Technology B A Marathwada University , Aurangabad and <b>IEEE</b> Sub center , Aurangabad Maharashtra	National
8	“Security in WLAN Application”,	The eighth Annual conference of Society of Statistics ,Computer and Applications 28-30,Nov-2005	Department of Computer Science , Govt. Vidharbha Institute of Science and Humanities , Amravati	National
9	“Media Convergence in Future Trends”,	The eighth Annual conference of Society of Statistics ,Computer and Applications 28-30,Nov-2005	Department of Computer Science , Govt. Vidharbha Institute of Science and Humanities , Amravati	National
10	“Architecture of E-election System on wireless Platforms”,	<b>International Conference</b> Information Technology, 24-25 March 2006	Computer Association of Nepal (CAN) , <b>Kathmandu , Nepal</b>	<b>International</b>
11	“E-robotics system Architecture and Future Trends”	<b>International Conference</b> Information Technology, 24-25 March 2006	Computer Association of Nepal (CAN) , <b>Kathmandu , Nepal</b>	<b>International</b>
12	Re-engineering of mobile computing Techniques for M-learning	<b>International Conference</b> Information Technology, 24-25 March 2006	Computer Association of Nepal (CAN) , <b>Kathmandu , Nepal</b>	<b>International</b>
13	Multimedia based Standalone M-learning Applications for series 60 Nokia Devices	<b>International Conference</b> Information Technology, 24-25 March 2006	Computer Association of Nepal (CAN) , <b>Kathmandu , Nepal</b>	<b>International</b>

14	“Technology Management: Secure Protocol Management For Electronic Voting System”,	International Conference on Advances in Computer Vision and Information Technology (ACVIT-07) 28-30 Nov-2007.	Department of computer science and information Technology (ACVIT-2007) ,BAMU ,Aurangabad(MS) India and IEEE sub center ,Aurangabad	<b>International</b>
15	“Security Problem: Issue raise during Voting Over Internet (VOI)”,	National Conference on Advances in Information Technology and Internet Security (AITIS-2008) 4-5, Jan, 2008	Sinhgad Institute of Business Administration and Internet Research Kondhawa(BK), Pune, Maharastra	<b>International</b>
16	“Electronic Voting System By Using Blind Signature and Anonymous Communication Channels”,	National Conference on Emerging Trends in Communication and Information Technology (ETCIT-2008) 19-20 Sept- 2008.	H.V.P.M’S College of Engineering and Technology and Post Graduate Department of computer Science and Technology , Amravati(M.S.)	National
17	“Security Of Electronic Voting System Based On Digital Signature In A Large Scale”,	National Conference on Advanced Technologies and In Computing and Networking 13-14,Nov-2009	Management Association of MCA Institutes of Maharashtra (MAMI) , Ahmednager and P.G. departemtn of Computer science and technology , Degree College of Physical Education ,H.V.P.Mandal , Amravati(M.S.)	National
18	“Multilevel Security In Computer Network For Electronic Voting System”,	UGC sponsored National seminar on Information Technology Enabled Services (ITES-2009) 11-Ari-2009	Department Computer Science and Information Technology, Shri Shivaji college ,Akola (ms)	National
19	“Security Aspects of E- election system”,	UGC sponsored National seminar on Information Technology Enabled Services (ITES-2009) 11-Ari-2009	Department Computer Science and Information Technology, Shri Shivaji college ,Akola (ms)	National
20	“Modularity and Software Testing in ITeS ”,	UGC sponsored National seminar on	Department Computer Science and	National

		Information Technology Enabled Services (ITES-2009) 11-Ari-2009	Information Technology, Shri Shivaji college ,Akola	
21	“Biometric Supported ATM Banking”	UGC sponsored National seminar on Information Technology Enabled Services (ITES-2009) 11-Ari-2009	Department Computer Science and Information Technology, Shri Shivaji college ,Akola	National
22	“Secure electronic Voting System by using Blind Signature and cryptography for Voter’s privacy and Authentication”	UGC sponsored National Seminar on Current Trends in Physical Science and Electronic Research 28-Mar, 2010.	Department of Physics and Electronics, Shri Shivaji College, Akola	National
23	“Electronic Voting System for a large scale election over a network with Individual and universal verification”,	UGC sponsored National Seminar on Current Trends in Physical Science and Electronic Research 28-Mar, 2010.	Department of Physics and Electronics, Shri Shivaji College, Akola	National
24	Design of E-election System	National Conference on Advances in computing And Networking (NCAICN-2013) 30 Mar-2013	Department of Computer Science and Engg. Prof. Ram Meghe Institute of Technology and Research, Badnera (C.Rly) Amravati	National
25	Difficulties in Design of Electronic Election System	National Conference on Advances in computing And Networking (NCAICN-2013) 30 Mar-2013	Computer Science and Engg. Prof. Ram Meghe Institute of Technology and Research, Badnera (C.Rly) Amravati	National
26	“Web Mining :A technique to extract knowledge from web data”	National conference on Recent Advances in Electronics and Computer Science-NCRAECS-2014 ISBN 978-81-906457-5-1 JAN 23-24,2014	“National Conference on Recent ADVANCES In Electronics and Computer” Science Science college Nagpur	National

30	Chairing a Session	National Conference on “Recent Advances in Electronics & Computer Science” 23 <sup>rd</sup> & 24 <sup>th</sup> Jan, 2014.	Shri Shivaji Science, Congress Nagar, Nagpur.	National
28	Attended	IT 2020 Technology Conference on 27 <sup>th</sup> & 28 <sup>th</sup> Feb, 2014.	IIT Bombay at Victor Menezes Convention Centre Organized by Computer Society of India – Mumbai Chapter UBM India & Spoken Tutorial Project. At Pawai , Mumbai	National
29	Expert Talk & Session Chair	2 <sup>nd</sup> International Conference on “Advances in Computing, Communication & Intelligence” ICACCI-2014 23 <sup>rd</sup> May, 2014 to 29 <sup>th</sup> May, 2014 at Port <b>Loius, Mauritius.</b>	International Organization of Computer Forum. <b>Loius, Mauritius.</b>	International
27	K-Anonymity: A Big Player In Location Privacy For Mobile Query Processing.	National Conference On “Advanced Technologies in Computing and Networking (ATCON-15) on 02 April 2015.	P. G. Department of Computer Science & Technology DCPE(Au tonomous College), H.V.P.M Amravati (MS) and Management Association of MCA Institutes (MAMI) of Maharashtra	National
31	Attended	Role of IQAC in quality Enhancement in Higher Education 17 <sup>th</sup> April 2015	Jintly Organized by Shri Shivaji Education Society ,Amravati & Shri Shivaji College, Akola. Venue: Shri Shivaji College,Akola:	State Level

### 13. Seminars/ Conferences/ Symposia/ Conferences organized:

<b>Sr. No.</b>	<b>Name of the Conf./Seminar/ Workshop etc</b>	<b>Place and Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	National Seminar on "Information Technology Enabled Services" (ITES-2009)	UGC, New Delhi	Dept. of Computer Science and Information Technology, Shri Shivaji College, of Arts, Commerce & Science, Akola Date: 11-04-2009
2	Workshop on "College office and Library Computerization"	Master's Software, Nagpur	Shri Shivaji College, of Arts, Commerce & Science, Akola, Date: 5-1-2009
3	District Level Software Competition	Fund generated	Shri Shivaji college, of Arts, Comm. & Sc., Akola, Date: 26 and 27 Sept- 2012
4	C- VIDVAN programming contest on dated 26 & 27,Sept-2012	Fund generated	Click-in Plus. Pune
5	Intercollegiate Seminar Competition on dated Saturday 21, Dec-2013	Fund generated	Department of Electronics, Computer Science, Physics and Mathematics
6	University Level C Programming Contest on Sunday 22-FEB-15	Fund generated	University Level : SGB Amravati University Computer Science Teachers Association.
7	ICT Programme 19, Feb-2013 to 16, March 2013	MS Board of Secondary & Higher Secondary Education Div. Amravati	Department of Computer Science & MS Board of Secondary & Higher Secondary Education Div. Amravati
8	"Spoken Tutorial Workshop on C & C++" 17-Sept-2013	IIT BOMBAY	Spoken Tutorial project, IIT BOMBAY
9	Moodle-Emerging Trend In Teaching Learning Process 25 <sup>th</sup> & 26 <sup>th</sup> April 2014	Department of Computer Science	Department of Computer Science
10	Java Programming and Web designing	ENIAC Institute of Computer Application , Pune	Department of Computer Science 24,Jan-2015
11	Computer Awareness Programme for Non Teaching Staff	Department of Computer Science	Department of Computer Science 10-20,Dec 2014

12	National Robotics Championship	Collaboration with ARK Solutions & IIT Pawai, Bombay.	Department Computer Science 24 <sup>th</sup> & 25 <sup>th</sup> , Feb-2015

#### 14. Seminars/ Conferences/ Symposia/ Conferences Contributions:

National/ International	Name of Conference / Seminar / Workshop etc.	Paper/ Poster/ Presentation
International	(1) International Conference on “Advances in Computing” (ICA-2008) Venue: Anuradha Engg. College, Chikhli, Distt. Buldhana Date: 21-22 Feb. 2008	Session Chair
	(2) UGC sponsored workshop “Question Bank Development & implementation” Venue: SGB Amravati University, Amravati Date: 30-31 Mar 2007	Expert Talk
	(3) Technical Support: Mahila Pradhyapak Parishad Organized by S.G.B University Amravati Venue: Shri Shivaji College, Akola Dated: 03-01-2007	Technical Support
	(4) “Workshop on XML Technologies” Venue: Shri Shivaji Sc. College, Amravati Date: 26-27 Oct, 2005	Attended
International	2 <sup>nd</sup> International Conference on “Advances in Computing, Communication & Intelligence” ICACCI-2014 23 <sup>rd</sup> May, 2014 to 29 <sup>th</sup> May, 2014 at <b>Port Loius, Mauritius.</b>	Expert Talk & Session Chair
National	National Conference on “Recent Advances in Electronics & Computer Science” 23 <sup>rd</sup> & 24 <sup>th</sup> Jan, 2014. Science College, Congres Nager, Nagpur	Chairing a Session
National	IIT Bombay at Victor Menezes Convention Centre Organized by Computer Society of India – Mumbai Chapter UBM India & Spoken Tutorial Project. IT 2020 Technology Conference on 27 <sup>th</sup> & 28 <sup>th</sup> Feb, 2014.	Attended
State Level	Role of IQAC in quality Enhancement in Higher Education Jointly Organized by Shri Shivaji Education Society, Amravati and Shri Shivaji College, Akola 17 <sup>th</sup> April 2015	Attended

#### 15. Research Projects Completed / Ongoing:

Title of the project	Name of the funding agency	Duration	Remarks
Study and Design of e-Election System	UGC, New Delhi	2 Years	Completed

#### 16. Teaching Experience:

	Name of the University/ College/ Institution	Duration
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Courses Taught		
UG	Shri Shivaji College, Akola	28 Years
PG	Shri Shivaji College, Akola	10 Years
Other (Carrier Oriented Programme)	Carrier Oriented Programme	6 Years

### 17. Resource Persons:

Sr. No.	Invitee Institution	Date/Course	Topic of Lecture
1	UGC-Academic staff College S. G B. Amravati University, Amravati	Refresher course in Computational Science (24-Sept to 15-Oct-2012) Date: 29-Sept-12	On Line Analytical Processing (OLAP)
2	UGC-Academic staff College S. G B. Amravati University, Amravati	Refresher course Date: 08-Oct-12	Distributed Computing System.
3	UGC-Academic staff College S. G B. Amravati University, Amravati	Refresher course in ICT, Dated: 07-08 March, 2010	Wi-Fi Networking and its latest developments
4	UGC-Academic staff College S. G B. Amravati University, Amravati	Refresher Course in ICT Applications 27-Jun-2011 (13-June to 02-July- 2012)	<ul style="list-style-type: none"> <li>E-election System</li> <li>Impact of IT in the society (2-invited talk)</li> </ul>
5	UGC-Academic staff College S. G B. Amravati University, Amravati	Refresher Course in ICT Applications 27-Jun-2011 (2-invited talk) (13-June to 02- July-2012)	<ul style="list-style-type: none"> <li>Implementation of e-election system in India</li> <li>IT industries in India</li> <li>OLAP</li> </ul>

### 18. Innovations / Contributions in Teaching:

#### A. Design of Curriculum:

- Design of syllabus & Scheme of UG & PG & COP Course as a member of Board of Studies in Computer Science since 1987.

#### B. Teaching Methods:

- Classroom teaching, Group Discussions, Use of DLP/LCD Projectors, Questions & Answers

#### C. Laboratory Experiments:

- Execution of programs by using LCD/DLP projector IN THE LAB, Flowcharts, Dataflow diagrams and Algorithms.

#### D. Preparation of resource materials:

- Text books, Internet, CD / DVD, e-books and e-library etc.

**E. Extension activities / consultancy / community works:**

- Conducting computer awareness program for rural & poor students and software contest for the Computer science students.

**19. Role in college activities:**

- Chairman of website design committee
- Chairman of computer committee
- Member of college electrification committee

**20. Role in university activities:**

- Member of Board of Studies in Computer Science.
- Chairman / Member of Local Enquiry Committee.
- Chairman / Member of Subject Examination Committee.
- Member of Syllabus sub Committee.
- Subject expert and V.C. nominee in selection & placement committee.
- Paper Setter and Valuer for UG & PG exams.
- External Examiner in YCMOU, Nashik.

**21. Any other information:**

- Vice President of Akhil Bharatiya Mahatma Fule Mahasangh, Akola.
- Member, Youth Hostels Association of India ,New Delhi.
- Member, mahatma Phule Samajik Shikshan Sansthan, New Delhi.
- Visited the Foreign Country for conference and computer meet at Nepal, Mauritius, Thailand etc.