

Curriculum Vitae

Dr. Shobha Kamalakar Bawiskar.

Assistant Professor.

Government Institute of Forensic Science,
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PERSONAL DETAILS:--

Name	:	Shobha Kamalakar Bawiskar
Education	:	M.Sc (CS), MPhil (IT), SET, Ph.D (CS).
Languages known	:	English, Marathi, Hindi
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ACADEMIC PROFILE:--

- Ph.D Awarded on 27 March 2016, Date of Notification and Viva held on 11 July 2015, Registered on 27th July 2012. Dr.Babasaheb Ambedkar Marathwada University, Aurangabad. Topic “Design of Biomedical Nano Sensor Modeling using COMSOL for detection of Glucose Level from Blood Flow Pattern”.
- SET examination held on 08, August, 2010 and qualified on 03th December 2010.
- M.Phil. (Information Technology), 08 August 2008, 65.86% First Class from study Centre (2108A), Institute of Management Training and Research (IMTR) center Aurangabad Affiliated to Yashwantrao Chavan Maharashtra Open University, Nasik.
- M.Sc. Computer Science, 03,June 2006, Degree Awarded 07, April 2007,73.00% First Class from Vivekanand College of Arts & Science, Dr.Babasaheb Ambedkar Marathwada University, Aurangabad.
- B.C.S. 18, June 2004, Degree Awarded 29, Jan 2005, 68.41% First Class From College of Information Technology and Management, Aurangabad Affiliated to Dr.Babasaheb Ambedkar Marathwada University, Aurangabad.

- H.S.C. Feb 2001, 63.67% First Class from Saraswati Bhawan College of Science, Aurangabad. (Divisional Board Aurangabad)
- S.S.C. March 1999, 70.00% First Class from Little Flower English High School, Aurangabad. (Divisional Board Aurangabad)
- MS-CIT, 2005, Marks 70/80, 89% First Class from, Maharashtra State Board of Technical Education, Mumbai Date of issue- 22, May 2005.

WORK EXPERIENCE

- **Recently working** as Assistant Professor at Digital and Cyber Department, since 19-Aug-2014 to till date in Government Institute of Forensic Science, Aurangabad.
- **Eight Years teaching experience (for UG and PG) as an Assistant Professor** and From 21-06-2013-09-06-2014 worked as In-charge and Assistant Professor at Computer Science Department, since-05 July 2006 to 09-June-2014 in “Vasantrao Naik Mahavidyalaya”, Jalna Road Near Cidco Bus stand Aurangabad.
- **Seven years teaching experience (PG)** as Guest Lecturer at Computer Science and IT Department, since-December 2006 to June-2014 in Late Pandharinath Patil Institute of Management Studies & Information Technology, Vivekanand College Campus, Near Samarth Nagar, Aurangabad.

CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES CARRIED OUT

- Worked as an Organizing committee member in the work shop of “API: its effects on teaching learning and evaluation process”. Held on 25 Jan 2011. Organized by Vasantrao Naik Mahavidyalaya , Aurangabad
- Worked as an Organizing committee member in the State Level Seminar on “Recent Trends in Library and Computer science “. Held on 16 and 17 Feb 2011. Organized by Vasantrao Naik Mahavidyalaya , Aurangabad
- Worked as Editorial Board member in the State Level Seminar on “Recent Trends in Library and Computer science “. Held on 16 and 17 Feb 2011. Organized by Vasantrao Naik Mahavidyalaya , Aurangabad
- Various committee members in gathering (Personality development, Rangoli, Drawing, mehendi, singing,) in Vasantrao Naik Mahavidyalaya from 2007-2013
- Committee member of International accreditation Organization. Organized by Vasantrao Naik Mahavidyalaya , Aurangabad

- Worked as Under-Study Examination Member for the UG and PG Exams conducted by Dr.BAMU from March 2010 - June-2013, in Vasant Rao Naik Mahavidyalaya , Aurangabad
- Worked as an Organizing committee member in the One Day Seminar on “Conflicts among Teenagers and Harassment in work place “. Held 14 Sept 2018 Organized by Government Institute of Forensic Science, Aurangabad

Various Positions at Departmental and University

- **Paper Setter for UG and PG Courses-** B.Sc. Forensic [Digital and Cyber], B.Sc. [Computer Science], B.Sc. [IT], B.C.A (Science), M.Sc. [I.T] and M.Sc. Forensic [Digital and Cyber] in Dr. B. A. M. University Aurangabad from Academic Year 2008 to till date
- **Examiner (Assessment of Answer Sheet) -** B.Sc. Forensic [Digital and Cyber], B.Sc. [Computer Science], M.Sc. [Computer Science] and M.Sc. Forensic [Digital and Cyber] in Dr. B. A. M. University Aurangabad- from Academic Year 2008 to till date
- **Internal and External Practical Examiner** for B.Sc (FS),B.Sc (CS)/ B.Sc (IT)/ M.Sc (FS) /M.Sc (CS)/ M.Sc (IT)/ PGD Digital and Cyber in Dr. B. A. M. University Aurangabad- from Academic Year 2008 to till date

Administrative Function

- **Website Committee Chairman** 2015-2016, 2016-2017, 2017-2018, 2018-2019 of Government Institute of Forensic Science. Aurangabad
- **Admission Committee member** 2015-2016(B.Sc-FY), 2016-2017(B.Sc-FY), 2017-2018(B.Sc-FY), 2018-2019(M.Sc-FY & PGD Courses) of Government Institute of Forensic Science. Aurangabad
- **Girls Hostel Rector** 2015-2016, 2016-2017, 2017-2018 of Government Institute of Forensic Science. Aurangabad
- **Member of various Cultural Committees** - 2015-2016, 2016-2017, 2017-2018, 2018-2019 of Government Institute of Forensic Science, Aurangabad
- **Zonal Officer** (reserved) in Vidhan Sabha Matadan Sangh Aurangabad (108) August - September 2104
- **Pathak Pramookh-** Show Cause Notice in Vidhan Sabha Matadan Sangh Aurangabad (108) August - September 2014

- **Pathak Pramookh-** Spot Inspection of colleges for verifying student strength of academic year 2015-16 between 12/10/2015 to 20/10/2015 to following colleges:
 1. Yogeshwari Mahavidyalaya, Ambajogai, Beed, Maharashtra.
 2. S.R.T Mahavidyalaya, Ambajogai, Beed, Maharashtra.
 3. Kholeshwar Mahavidyalaya, Ambajogai, Beed, Maharashtra.
 - 4 Yashwantrao Chavan Mahavidyalaya, Ambajogai, Beed, Maharashtra.
- **Supervisor** in Police Raising Week 2015 from January 2 - January 8 2015 on 4 January 2015.
- **Supervisor** in Police Raising Week 2016 from for January 2 - January 8, 6 & 7 January 2016.
- **Venue Officer** for Bed and LLB entrance examinations held in Dhule and Jalgoan April-May 2017.
- **Supervisor** for various examination organized by MPSC 2016,2017,2018
- **Additional Charge HOD** –1 March to 27 March, 2017 and 25 June to 21 July 2018

WORKSHOP ATTENDED -05

- “MEMS Design and Simulation”- Training Workshop from 6-Aug-2012 to 11-Aug-2012 held at University of Hyderabad.
- “COMSOL Multiphysics Modeling” Workshop one day-13 September 2012 at Pune.
- “Image Processing Techniques using MATLAB 2012” one day workshop held at Dr. Rafiq Zakaria Campus Mulana Azad college of Arts Science and commerce Aurangabad on 24-february 2013.
- ‘MEMS Design and Simulation’- 27-31 January, 2014 one week workshop organized by National MEMS Design Centre, Department of Physics, Dr. BAMU Aurangabad.
- “NPS” one day workshop organized by YASHDA Aurangabad on 24 Jan 2018

TRAINING PROGRAMME - 04

- STP: Foundation Training Programme for Class- I Officers of Higher & Technical Education Department From 16/02/2015 to 27/03/2015 held at YASHDA, Pune.
- ISTE STTP on “Introduction to Design of Algorithm” – 25-30 May 2015 Conducted by IIT Kharagpur, organized by MIT, Satara Parisar Aurangabad.
- UGC HRDC- Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. “116th Orientation Programme” Sponsored by UGC from 21/Aug/2017 to 19/Sept/2018.

- UGC HRDC, Jawaharlal Nehru University, New Delhi, 1st Four week Refreshers Course in “E-Learning and E-Governance” (Interdisciplinary), Sponsored by UGC from 23/July/2018 to 17/Aug/2018.

DELIVERED TALK -01

- On 02/02/2015 in “Sevaantargath Prashikshan Saan 2015” session no 07- On the topic “Mobile Forensics” held at Police Commissioner Office, Aurangabad.

PRIZES-01

- First Runner up Prize for Best Paper Award entitled “Performance Measurement of JPEG and JPEG2000” in 2nd National Conference on Emerging Trends in Information Technology (eIT-2007) held at Baramati Maharashtra on 29-30 September 2007.

List of Publication in Inter National Conference, National Conference, and State level Seminar:-22

Sr. No	Title of paper	Title of conference	Organized by	National/ International conference
1	Performance Measurement of JPEG and JPEG2000	Emerging Trends in Information Technology (eIT-2007)	Vidya Prathisthan institute of IT,Baramati,Pune	National Conference
2	MYCIN- An Expert System	Innovative Trends in Entrepreneurship	Sir Sayyed College Aurangabad	National Conference
3	An electronic Performance Support System	Current Trends in Computer Science and IT(NCCSIT-2011)	University of Pune	National Conference
4	Applicability of Naïve Bayesian Classification in ANN	Current Trends in Computer Science and IT(NCCSIT-2011)	University of Pune	National Conference
5	Impact of Videoconference	Impact of IT on Formal Education Retrospective Approach	Dayyanand College, Latur	National Seminar
6	Technology and Human Health	Impact of IT on Formal Education Retrospective Approach	Dayyanand College, Latur	National Seminar

7	Introduction to Biometrics	Recent Trends in Library and Computer Science	Vasantrao Naik Mahavidyalaya Aurangabad	State Seminar
8	Introduction to Nano Sensor for detecting Diabetics and its importance	Data Science and Business Analytics 2012	St.Aloysius College. (Autonomous) Manglore and CSI-AIMIT Branch.	National Conference
9	MEMS/NEMS Technology to model Bio-Nano sensor to detect Diabetics	Current Trends in Chemical Research (NCCTCR)	Vasantrao Naik Mahavidyalaya Aurangabad	National Conference
10	Current Treatment and Therapies on Diabetics: Review.	Advance IT, Engineering and Management	St.Aloysius College. (Autonomous) Manglore and CSI-AIMIT Branch.	National Conference
11	Multimodal Interaction and Integration for Design of Application of Virtual Environment-VHDL	Advancements in IT and Internet Security (AITIS-2008)	Singhgad Technical Education Society, Pune	National Conference
12	Investigation of Windows Operating System. Ashwini Lakade, Dr. Shobha Bawiskar	Recent Trends in Forensic Science 2016 held on 17- feb - 2016	Yashwantrao Chavan Institute of Science, Satara. Maharashtra	National Conference
13	Analysis of Computer System Using Auditing Tools Dr. Shobha Bawiskar, Tushar Kamble	Innovation and Advancements in Computing(ICIAC-2016) held on March 18-19, 2016	GITAM, University Campus, Hyderabad	International Conference
14	Recovery Of Data From Damaged Disks.(Online-Oral Presentation) Dr. Shobha Bawiskar, Sneha Pandhare	Innovations in Engineering, Technology and Sciences-(ICIETS2018) held on September 21-22 ,2018	NIE Institute of Technology, Mysore, Karnataka, (Bangalore)India	International Conference

As. Co-Author				
1	Intellectual Property Rights.	Advances in Computer Vision and IT (ACVIT-2007)	Dr.Babasaheb Marathwada University, Aurangabad	International Conference,
2	Representation of Graphical Data into GIF	Emerging Trends in Information Technology (eIT-2007)	Vidya Prathisthan institute of IT Baramati,Pune	National Conference
3	MPEG	Emerging Trends in Information Technology (eIT-2007)	Vidya Prathisthan institute of IT Baramati,Pune	National Conference
4	Role of AI in Reading the Brain and BCI	Recent Trends in Library and Computer Science	Vasantrao Naik Mahavidyalaya Aurangabad	State Seminar
5	ANN application in Telemedicine	Recent Trends in Library and Computer Science	Vasantrao Naik Mahavidyalaya Aurangabad	State Seminar
6	A Survey of image processing algorithms for detecting Micro calcification in Mammogram images pg.no 1-4	Trends in Advance Computing and IT-2012 (TACIT-2012)	St.Vincent Pallotti College of Engineering and Technology, Nagpur	National Conference
7	Detection of Breast Cancer cells Using Nanoparticles.	Current Trends in Chemical Research (NCCTCR)	Vasantrao Naik Mahavidyalaya, Aurangabad	National Conference
8	Cyber Crime: E-mail Hacking, Prevention and Precaution. Mr. Bhupinder Singh, Dr. Shobha Bawiskar. Page no 29-31. ISSN No. 978-93-84659-21-9	National Inter Disciplinary Conference on Social Media & Cyber Crimes 17/Jan/2016	K.J. Somaiya College of Arts, Commerce and Science, Kopargaon.	National Conference

List of Publication in Inter National and National Journals:- 06

As Author

1. Shobha Bawiskar , Dr. Ramesh R.Manza , Dr. B.N Dhole has published a paper titled “**Simulating an IDC-Bio-Sensor to Detect Diabetics**”in**International Journal** of Science and Research (IJSR) ISSN (Online): 2319-7064 Impact Factor (2012): 3.358 Volume 3 Issue 12, December 2014 , Paper ID: SUB14428 pp. 360-362 www.ijsr.net/archive/v3i12/U1VCMTQ0Mjg=.pdf
2. Shobha Bawiskar, Dr. Ramesh R.Manza has published a paper titled “**MEMS Fabrication methodology used to Design Non-Invasive Bio-Nano-Sensor to detect Diabetics**” in **International Journal** of Application or Innovation in Engineering & Management –IJAEM. Impact Factor- 2.379 ISRA: JIF (ISSN 2319 – 4847), Volume 2, Issue 11, November 2013. pp.176 – 181. <http://ijaem.org/volume2issue11/IJAEM-2013-11-20-052.pdf>
- 3 Ms Shobha Bawiskar, Dr Ramesh Manza has published a paper titled, - “**Detecting Pressure from Aqueous-Blood Medium using Simulated Tool** “in **International Journal** of Engineering Research and Applications (IJERA) Impact Factor 1.69, ICValue-5.09 ISSN : 2248-9622, Vol. 3, Issue.
- 4 Pranali P. Hatole & Dr. Shobha K. Bawiskar has published a paper titled “**Literature Review of Email Forensics**” in Finlogy-Imperial Journal of Interdisciplinary Research (IJIR), Vol-3, Issue-4, 2017 ISSN: 2454-1362, Citation Impact Factor 3.7 <http://www.onlinejournal.in> Page 1436-1439.
- 5 Shaikh Akram, Dr.Shobha K. Bawiskar has published a paper titled”**Forensic Analysis of the Windows Registry**” in Sanshodhan Samiksha, Humanities, Social science,commerce, Education, Law and Language. Monthly Peer Reviewed **International Research Journal**, Special Issue Jan-2017. Impact Factor:3.20 ISSN:2278-9308 Page 49-51.

Special roles in Inter National and National Conferences as subject expert:- 03

- **Technical Chairman-** National Inter Disciplinary Conference on Social Media & Cyber Crimes 17/Jan/2016 organized by K.J. Somaiya College of Arts, Commerce and Science, Kopargaon Ahmednagar, Maharashtra.
- **Research Article Reviwer** in International Conference on “Recent Advances in Computer Science, Engineering and Technology” held on Feb, 2-4,2017 organized by MGM’s Dr.G.Y.Pathrikar College of Computer science and IT, Aurangabad (MS) India.

- **Session Coordinator** in International Conference on “Recent Advances in Computer Science, Engineering and Technology” held on Feb,2-4,2017 organized by MGM’s Dr.G.Y.Pathrikar College of Computer science and IT, Aurangabad (MS) India.

Date: 29 - oct - 2018

Place: Aurangabad

Shobha K. Bawiskar