

Curriculum Vitae

Dr. B S Sonawane

**Assistant Professor, P. G. Coordinator,
AWS Academy Coordinator, Member
of Ph.D Research Center, MIT,
Aurangabad.** Department of Computer
Science & Engineering, Aurangabad-
431010 (MS)India.



1. Personal Details:

Resi. Address	Flat No. 10, Royal Residency, Pushpnagri, Bus Stand Road, Aurangabad. 431001.		
Contact	:+91-9881749819		
Email	bssonawane@gmail.com , babasaheb.sonawane@mit.asia		bssonawane1981@gmail.com ,
Date of Birth	:15 TH May1981	Sex	:Male
Nationality	:Indian	Marital Status:	Married
Languages Known	:English, Hindi, Marathi		
Website	https://mit.asia/wp-content/uploads/2023/04/DR-BS-Sonawane.pdf		

2. Educational Qualifications:

Sr.no	Qualification	University	Grade obtained
1	Ph.D.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Topic: "Diskless Client Using Open Source Information and Communication Technology for Mass Education"
2	M.E.(CSE)	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Distinction.
3	B. E. (IT)	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	First Class
4	Diploma (CSE)	Maharashtra State Board of Technical Education.	Distinction
5	SSC	Maharashtra State board of Secondary and Higher Secondary Education	First Class

3. Teaching and Administrative Experience: 18 Years

Positions	Organization	Period	Nature of Work
Lecturer	Department of Computer Science and Engineering, MIT, Aurangabad.	June 2005 to June 2010	Teaching
Assistant Professor	Department of Computer Science and Engineering, MIT, Aurangabad.	2010 to 2018	Teaching and Research.
Vice Principal	Marathwada Institute of Technology	2018 to 2020	Administration, Teaching and Research.
Dy. Director	MIT, Group of Institutions	2020 to 2021	Admission Activity of G. S. M and Administration.
Assistant Professor	Department of Computer Science and Engineering. MIT, Aurangabad.	2021 to till this date	Academics, Teaching and Research.

4. Subject Taught :

Sr. No.	Name of Subject (2005 to Till This Date)
1	Component Architecture: B.Tech CSE
2	Microprocessor 8085 - TY CSE
3	Computer Architecture - TYCSE
4	Computer Hardware - SY CSE
5	Computer Network - TY CSE
6	Advanced Computer Network - M.Tech CST
7	Software Reliability: M.Tech CST
8	Cloud Computing: B.Tech CST
9	Operating Systems: TY CSE
10	Artificial Intelligence: B.Tech CST
11	RDBMS: TY CST
12	Database Management System : SY CSE
13	Software Programming: SY CSE
14	Linux Administration: TY CSE
15	Advance Operating System.
16	Advance Data Science

17	Computer Network Security
18	System Programming
19	Web Programming
20	User Interface Technology
21	Human Computer Interface.

5. Research Contribution:

5.1 Student Guided

Sr.no	Course Name	Awarded	Working
1	Ph.D.	02	04
2	M. Tech	05	02
3	B.Tech	40	06

6. Research Projects Ongoing/Completed

Sr.no	Title	Sponsoredby	Amount	Status
1	Rajiv Gandhi Science and Technology Commission	Govt. of India	Rs.50,000,0/-	Ongoing
2	Vishwaswarya Phd Fellowship.	Govt. of India	Rs.50,000,0/-	Completed

Publications

Sr. No.	Publication Particulars	Detail
1	Patents : Published	03 (1 patent Granted)
3	Book Published	03
6	International/National Journal	05
7	International Conferences	05
8	National Conferences	03
	Total Publication	25

Sr. No.	Name of Paper	Name of Conference / Journals	Acceptance	ISBN Number
1	Software Oriented Disk Less Client for Cost Efficiency	2nd International Conference on Cognitive Knowledge Engineering (ICKE-2016). (UGC Approved)	Published	Conference : ICKE – 206 : CSIT : Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
2	Disk less Client: Dracut for Boot & Initialization for Standalone Systems	International Journal of Engineering and Advanced Technology (IJEAT) (UGC Approved)	Published	ISSN: 2249 – 8958, Volume-6, Issue-ICDSIP17, March 2017
3	Data Redundancy on Diskless Client using Linux Platform	International Journal of Computer Science and Information Security. (HCI Indexing)	Published	ISSN 1947 5500 IJCSIS April 2018 Volume 16 No. 4
4	Automation Deployment of Diskless Client Server	Second International Conference on Recent Trends in Image Processing & Pattern Recognition. (Springer)	Published	Second International Conference on Recent Trends in Image Processing & Pattern Recognition. (Springer)
5	Low Cost Computing Using Open source Technologies like KVM and virtualization	International Journal of Applied Engineering Research (IJAER) (Scopus Indexing)	Published	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 10 (2018) pp. 8246-8248 © Research India Publications. http://www.ripublication.com
6	User Control on Diskless Client Server Platform	International Journal of Innovations in Engineering and Technology. (SCI Indexing)	Published	ISSN: 2319-1058
7	Review on Brain Tumor Segmentation Using k Means Clustering and Fuzzy C-Means Algorithms and Its Area Calculation.	Imperial Journal of Interdisciplinary research (IJIR). Volume -3, Issue – 6, 20217	Published	ISSN : 2454-1362
8	SMART GOVERNANCE THROUGH BIGDATA: DIGITAL TRANSFORMATION OF PUBLIC AGENCIES	Dogo Rangsang Research Journal UGC Care Group I Journal	Published	ISSN : 2347-7180

7. Significant Positions and Co-ordinator of Various Events.

1. **Board of Study Member**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (From May 2023 to May 2027).
2. **Coordinator**: PhD Course work of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. 2022
3. **Member**: GAIN program of Department of CSIT, Dr. Babasaheb Ambedkar Marathwada University, and Aurangabad.
4. **Coordinator**: Infosys Campus Connect Program, MIT, Aurangabad.
5. **Coordinator**: Red Hat Academy, Department of Computer Science and Engineering, MIT, Aurangabad. 2014-2016
6. **Coordinator** : AWS Academy, Department of Computer Science and Engineering, MIT, Aurangabad.
7. **In-charge** : Computer Center, Maharashtra Institute of Technology, Aurangabad.
8. **Coordinator** : Online Examination of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
9. **Coordinator** : MIT, Rural Reach Program, MIT, Aurangabad.
10. **Coordinator** : Internet and network activity of MIT, Aurangabad.
11. **Coordinator** : Wifi Project implementation, MIT, Aurangabad. 2010 to 2012.
12. **Coordinator** : Smart India Hackathon Competition of central government of India.
13. **Coordinator** : Infosys Campus Connect program : Webinar Activity of Department of Computer Science and Engineering.
14. **Coordinator** : Outlook magazine college ranking framework, MIT, Aurangabad.
15. **Coordinator** : Dec / Janm Examination of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, work as Chief Examination officer.
16. **Coordinator and Member** : International conference of knowledge engineering.
17. **Coordinator and Member** : International conference of Library Science.
18. **Coordinator** : CSI activity of Department of Computer Science and Engineering, MIT, Aurangabad.
19. **Coordinator** : Boys Hostel activity of MIT, Aurangabad. 2005-2008.
20. **Coordinator** : Bamboo Technology workshop at MIT, Aurangabad.
21. **Coordinator** : Invited talk Department of Computer Science and Engineering.
22. **Coordinator** : Train the Trainer program, Infosys Campus Connect, MIT, Aurangabad.
23. **Coordinator** : Principal Meet, Under Infosys campus connect program, MIT, Aurangabad.
24. **Coordinator**: Industry Visit, Department of Computer Science and Engineering, MIT, Aurangabad.
25. **Coordinator** : NAAC Activity along with Core team, MIT, Aurangabad.
26. **Member** : NBA, Department of Computer Science and Engineering, MIT, Aurangabad.

27. **Coordinator** : Faculty cricket sport, MIT, Aurangabad.
28. **Coordinator** : Online Examination Software development : 2005 to 2007
29. **Coordinator** : Network Structure Development Activity, B.Tech Building, MIT, Aurangabad.
30. **Coordinator** : Website Development Activity, MIT, Aurangabad – 2005 to 2010.
31. **Coordinator** : Cyber Security program of YCMOU, MIT-Center, MIT, Aurangabad.
32. **Coordinator and Member** : MIT Server Room development activity : 2009-2011.
33. **Coordinator** : Laboratory Development activity of Department of Computer Science and Engineering, Aurangabad.
34. **Coordinator** : Reach to unreach program of MIT. MIT, Aurangabad.
35. **Coordinator** : Train the Trainer program for School Teacher (Aurangabad and Usmanabad District).
36. **Coordinator** : Hackathon of Commissioner Office : 2023.

8. Awards:

1. Grambhushan Puraskar : 2010 : with the hands on Balasaheb Vikhe Patil for higher education accomplishment from rural area.
2. Bronze Faculty award : Infosys, Infosys Campus Connect program : 2013
3. Silver Faculty award : Infosys, Infosys Campus Connect program : 2015
4. Bronze Faculty award : Infosys, Infosys Campus Connect program : 2017
5. Bronze Faculty award : Infosys, Infosys Campus Connect program : 2018

9. Other Significant Contributions:

Sr.no	Particulars	Total	
1	Events Organized	International	03
		National	10
2	Chair Person	01	
3	Invited Lectures/Keynote Speakers	12	
4	Conferences/Symposiums/Workshops Attended	10	

10. Invited/Keynote Lectures:

- 10.1** Invited as expert talk on cloud computing and cloud services : 2022
- 10.2** Invited as induction talk on Academics and curriculum : 2021
- 10.3** Invited for GB Meeting as a member of GB, MIT, Aurangabad : 2018
- 10.4** Invited for GB Meeting as a member of GB, MIT, Aurangabad : 2019
- 10.5** Invited as a guest lecture Cloud services : 2020
- 10.6** Invited as Judge for state level MSBTE Technical Competition – 2023
- 10.7** Invited as evaluation and judge the event : 2015

- 10.8** Invited for guest lecture for final year students of MIT-P : 2015.
- 10.9** Invitation for expert lecture on cloud computing : 2014.
- 10.10** Invitation as lecture for linux services at sandip foundation. – 2013.
- 10.11** Invitation to attend the GB Meeting, MIT-P, 2020-2021.
- 10.12** Guest lecture for MSBTE faculty on Cloud computing : 2019.

11. Technology Known:

Sr. No.	Technology	Specialization
1	Operating system.	<ol style="list-style-type: none"> 1. Windows – 98 2. Windows – Server 2003 3. Windows – XP 4. Windows – 7 5. Windows – 10 6. Linux Operating System 7. RHEL -5.0 8. RHEL 6.0 9. Mint Operating System 10. Ubuntu Operating System.
2	Software Application (Programming Languages)	<ol style="list-style-type: none"> 1. C 2. C++ 3. JAVA 4. JSON 5. PHP 6. Python 7. Visual Studio 8. Dot Net Technology
3	Network utilities	<ul style="list-style-type: none"> ➤ Computer Networking (LAN and WAN) Specialist. ➤ Network Topologies (Practically Implemented) ➤ Network Configuration (Laboratory Demonstration)
4	Internet Set-up	<ul style="list-style-type: none"> ➤ Have Set-up Internet connectivity at MIT, College 2005 to till this date.

12. Events Organized:

- 12.1** Co-Convener of International Conference on “ Library Science of MIT, Aurangabad.
1. Core Team Member of ,3rd International Conference on Cognitive Knowledge Engineering (**2ndICKE-2016**)21-23Dec2016.
- 12.2** Member of Committee : MHRD Supported one week GIAN Course entitle "Perception and modelling of Three Dimensional Scenes" conducted during 04thDecember to10thDecember2017.
- 12.3** Coordinator, National Workshop on Faculty enablement Program “Infosys Campus Connect “ 2010.
- 12.4** Coordinator, National Workshop on Principal – Meet and Interaction about Students development “Industry Ready” Program “Infosys Campus Connect “ 2010.
- 12.5** Coordinator – Techincal talk by Mr. Pushpendra Chavan “ Recent Trends in Upcoming linux applications” – 2012
- 12.6** Coordinator – Techincal talk by Mr. Suresh Gaikawad “ Recent Trends Linux and its future in industry” – 2012
- 12.7** Coordinator – Smart India Hackathon : Initiative by Central Government of India Hosted by MIT, Aurangabad. : 2022.
- 12.8** Coordinator – Five Days workhop on Agile software development program by Infosys, Pvt. Ltd. : 2015.
- 12.9** Coordinator – 5 Days Workshop On Software and product development by Mr. S T Kulkarni, IBM. 2016.
- 12.10** Coordinator – Two Days Training Program on Bamboo Technology in association of Collector office of Aurangabad. 2022
- 12.11** Coordinator – Train the Trainer Program for School Head Masters in association with DIET – 2015 (Aurangabad District)
- 12.12** Coordinator – Train the Trainer Program for School Head Masters in association with DIET – 2015 (Usmanabad District)
- 12.13** Coordinator and Member– NISHTA Program for School Head Teachers in association with DIET – 2019 (Aurangabad District) : 300 School teachers attended this program: Duration is 1 Month.
- 12.14** Coordinator – Reach to Un-Reach Program for school students : 3000 students visited MIT, Campus: Objctive to motivate students for higher education and explore themselves.

- 12.15** Coordinator – IT for school Program for Municipal Corporation schools of Aurangabad. 73 schools visited and promoted computer literacy program. Duration 1 week.
- 12.16** Coordinator and In-Charge – Admission Committee of MIT-R – 2018 – 2019.
- 12.17** Coordinator and In-Charge – Admission Committee of MIT-A – 2020 – 2021.
- 12.18** Vice Principal – MIT-R – 2018 – 2021.
- 12.19** Dy. Director (UG Admission) :MIT-Aurangabad – 2020 -2021.
- 12.20** Co-ordinator : Research Center : Department of Computer Science and Engineering, MIT, Aurangabad. : 2022 – 2023 till date]
- 12.21** Ph.D Recognized Guide of Dr. B.A.M., University , Aurangabad.

Reviewer for The 3rd International conference on Knowledge Engineering track of Dr. BAMU, Aurangabad.

13. MEMBERSHIPS/INVOLVMENT:

Sr.No.	AsaLifeMember/Fellow	Detail
1	LifeMemberofCSI(ComputerSocietyofIndia) CSlisa professional body aiming to improveteaching andlearning by organizing workshops,seminarsandpaperpublications.	Membership No.: 01219541
2	LifeMemberof“TheIndianSocietyforTechnicalEducation”(ISTE)	Membership No.: LM 52483

14. PUBLICATIONS: 09 : Attached with this Applications.

Patents:02

- 1) IndianPatentFile-ApplicationNo.201721019076(Published)
- 2) IndianPatentFile-ApplicationNo.201721042194(Published)

Details of Book Published: 03

- 1) Open Source Software Technology, “Samarth Book Publications” – 2009
- 2) Sanganak V Mahiti Tantradnyan “ Self Help Publication “ - 2014
- 3) Recognition System For Stuttered Isolation Spoken Marathi Numeric Words – 2017, Publication : Lambert Academic Publication.

15. ADMINISRATIVE EXPERIENCE:

- 1) Vice Principal: MIT-R, G S Mandal's, Aurangabad. 2018-2020
- 2) Dy. Director (UG Admissions): G. S. Mandals, MIT, Aurangabad. 2020-2021
- 3) In-Charge: Computer Center: MIT, Aurangabad. 2013-2023
- 4) In-Charge: Knowledge Center: MIT, Aurangabad. 2010-2012
- 5) In-Charge: Infosys Campus Connect Program, MIT, Aurangabad. 2010-2018
- 6) In-Charge: MIT, Rural Reach Program. 2009-2016
- 7) Hostel In-Charge : MIT, Aurangabad. 2005-2008

16. University Contribution

- 1) In-Charge : Online Examination for UG – 2013 - 2017
- 2) Paper Assessment : 2009 – 2023 till dates
- 3) Ph.D Course Work Coordinator : 2016
- 4) Ph. D Course Work Coordinator : 2022
- 5) Online Examination support of activity.

Dr. Babasaheb Sukhdeo Sonawane