

# **RESUME**

**Dr. Amit Madhav Rawate**

House No. 832, N-5 (south), CIDCO,

Aurangabad-431003

Phone No: +91 9823437915

Email: [amitrawate@gmail.com](mailto:amitrawate@gmail.com)

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## **OBJECTIVE**

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To work for Technical education society, where strong administrative, communication and planning abilities will be used for improving the performance and overall growth of students.

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## **PERSONAL INFORMATION**

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**Date of Birth** : 26<sup>th</sup> June 1979

**Citizenship/Nationality** : Indian

**Marital Status** : Married

**Languages** : Marathi, Hindi and English

**Membership of**

**Professional Body** : IETE (Fellow Member: F-502102), ISTE (LM 41101),  
Member – IEI (M-159775-7)

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## **ACADEMIC PROFILE**

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**Ph.D.**

**November 2019**

**Topic:** “Optimization of Networks for Reliability Enhancement”

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

**M.E. (Electronics)**

August 2003,

62.12 % [First Class],

Jawaharlal Nehru Engineering College, Aurangabad.

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

## **B.E. (Industrial Electronics)**

June 2001,

62.86 % [First Class],

Jawaharlal Nehru Engineering College, Aurangabad,

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

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## **FAMILY INFORMATION**

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<b>Father's Name</b>	: Mr. Madhav T. Rawate
<b>Occupation</b>	: Dy. Executive Engineer, (Retd.) MSETCL (Formerly MSEB)
<b>Mother's Name</b>	: Mrs. Savita Madhav Rawate
<b>Occupation</b>	: House Wife
<b>Wife's Name</b>	: Mrs. Varsha Amit Rawate.
<b>Education</b>	: Ph. D. (Pursuing), M.A. (Home Science), B.Ed.

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## **EXPERIENCE**

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1. At present working as a **Head – IQAC, Head of Department - EC&T (PG) & Associate Professor** in Electronics & Telecommunication Engineering Department of **CSMSS Chh. Shahu College of Engineering, Aurangabad** from 15<sup>th</sup> June, 2013 till date.
2. Worked as an **Associate Professor** in Electronics & Telecommunication Department **& Head of Department** at **MIT, Aurangabad** from 01<sup>st</sup> Jan. 2011 to 15<sup>th</sup> June, 2013.
3. Worked as an **Assistant Professor** in Electronics & Telecommunication Department of **MIT, Aurangabad** from 01<sup>st</sup> Jan. 2007 to 1<sup>st</sup> January, 2011.
4. Worked as a **Lecturer** in Electronics & Telecommunication Department of **MIT, Aurangabad** from 15<sup>th</sup> December 2003 to 31.12.06.
5. Worked as a **Lecturer** at Electronics Department of **Aditya Engineering College, Beed** from 1<sup>st</sup> September 2003 to 15<sup>th</sup> December 2003 (One Semester).
6. Worked as a **Jr. Officer – EDP Dept.** at **Grind Master Machines Pvt. Ltd.**, a Manufacturing Industry based at Aurangabad from June 2002 to August 2003.
7. Worked as **Sr. Faculty and Hardware Engineer** at **Space Infotech** Aurangabad from June 2001 to June 2002.

## **ADMINISTRATIVE EXPERIENCE**

1. Working as Dean – Students Development and Alumni Affairs & Associate Professor at MIT, Aurangabad.
2. Worked as **Head of Internal Quality Assurance Cell** of CSMSS Chhatrapati Shahu College of Engineering, Aurangabad.
3. Working as **Head of Department** for ECT at CSMSS Chhatrapati Shahu College of Engineering, Aurangabad.
4. Worked as **Head of Department** for FE at CSMSS Chhatrapati Shahu College of Engineering, Aurangabad.
5. Worked as a **Reviewer for the 3<sup>rd</sup> IEEE International Conference** on “Emerging Smart Computing & Informatics” organized by the AISSMS’s IoIT, Pune during 5-7 March, 2021.
6. Worked as **Head of Department** for First Year Engg. Dept. at MIT, Aurangabad.
7. Worked as the **Joint Director** at Engg. CAS Center of Dr. B.A.M. University, Aurangabad.
8. Worked as **Subject Expert** for UGC Interviews of Dr. B.A.M. University, Aurangabad.
9. Worked as the **subject expert** for Career Advancement Scheme for PES College of Engineering, Aurangabad. (Appointed by Vice Chancellor, Dr. B.A.M. University).
10. Worked as a **Member of Local Inspection Committee** for Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
11. Worked as the **Incharge** of Hughes Net Fusion Center at MIT, Aurangabad.
12. Worked as a **Organizing Secretary for ISTE Students Convention** “Rutumbhara– 08” at MIT, Aurangabad for Maharashtra and Goa Region.
13. Worked as an **AICTE Coordinator** for MIT, Aurangabad.
14. Developed **DSP, VLSI and Compute Networks labs** at MIT, Aurangabad.
15. Worked as a **Chief Superintendent** at MIT, Aurangabad for the various examinations of Dr. B.A.M. University, Aurangabad.
16. Worked as an **Understudy** at MIT, Aurangabad for the various examinations of Dr. B.A.M. University, Aurangabad.

17. Worked as a **Member of Paper Setting Committee** of Dr. B.A.M.University, Aurangabad.
18. Worked as an **External Examiner** for Practical Examinations of Dr. B.A.M.University, Aurangabad.
19. Worked as an **External Examiner** for Practical Examinations of Pune University.
20. Worked as an **External Examiner** for Practical Examinations of Dr. B.A.T.University, Lonere, Raigad.
21. Worked as a **CAS Officer** at Dr. B.A.M.University, Aurangabad for the Nov/Dec -03 Examinations.
22. Worked as a **Program coordinator** for Electronics Engineering at Yashwantrao Chavan Maharashtra Open University, Aurangabad.
23. Worked as a **Staff coordinator** for Electronics Engineering Students Association at MIT, Aurangabad.

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### **Achievements:**

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1. Involved in consultancy for **Career Guidance & Soft Skills for Aspiring Engineers, Aptitude training, Personality Development, campus placements preparations**, etc. from year 2005 and has **trained more than 10,000** students till date all over Maharashtra, especially in Marathwada Region.
2. **Authored** a book “Microprocessor and Computer Architecture”.
3. Worked as member of Syllabus Revision committee of Dr. B.A.M. University, Aurangabad
4. Worked as **Resource Person** at various engineering colleges like HIT, SPWEC, Aurangabad & RCCIT, Chakur for Personality Development, Career Development and soft skills.
5. Worked as a Chairman of Vigilance Squad of Dr. B.A.M. University, Aurangabad for various examinations.
6. Worked as a **Technical Judge** for various national competitions at PES COE, JNEC, Aurangabad, SREC COE, Kopagaon, etc.
7. Worked as a **Resource Person** for National Level conference on Information Technology at PES College of Engineering, Aurangabad.

**SUBJECTS TAUGHT:**

<b>Sr. No.</b>	<b>Name of Subject</b>	<b>Class</b>
1	Computer Networks	BE – EC
2	Optic Fiber Communication	BE – EC, M.Tech – ECT
3	Microprocessors, Peripherals and Programming	TE – EC
4	Elements of Electronics & Computer Engineering	FE

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**AREAS OF INTEREST**

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- Optimization Techniques
- Communication Networks
- Microprocessors and Microcontrollers
- Optical Communication

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**COMPUTER AWARENESS**

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- 1. Programming Languages** : C, C++, MATLAB
- 2. Operating System** : DOS, Windows O.S.
- 3. Hardware**
- 4. Networking**

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**STTP/WORKSHOP ATTENDED/ ORGANIZED**

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1. Attended Faculty Symposium on Engineering Curriculum Innovation :An Outcome Based Education from 29/06/2017 to 01/07/2017 at PES college Aurangabad
2. Workshop on Outcome Based Accreditation Process & Parameters at Deogiri Institute of engineering & managmentStudies, Aurangabad
3. Two days Training Program on Introduction to IPR & Carrer scope for patent 09/04/2016 to 10/04/2016 Institute of Patent Attorneys, Delhi

4. Attended one week ISTE approved STTP on “**Wireless Networks**”, at IIITM, Gwalior.
5. Attended one week ISTE approved STTP on “**An approach towards research in Engineering & Technology**”, at ICEM, Pune.
6. Three days STTP on “**Implementation of Digital Designs on FPGA Device**” held between 03.01.08 to 05.01.08 at MIT, Aurangabad.
7. Workshop on “**Advanced Webpage Design and Multimedia**” held between 16.07.06 to 26.07.06 at MIT, Aurangabad
8. Seminar on “**Non-conventional Energy**” organized by “Urja Manch- Aurangabad” & Government Engineering College, Aurangabad at Aurangabad on 07.04.06.
9. **Participated at ISTE Convention** - National Conference held at JSPM, Pune on 12<sup>th</sup> and 13<sup>th</sup> Jan, 2008
10. Worked as a **member of organizing committee** for National Level Conference ”Technomillennium” organized at MIT, Aurangabad during the period 2004-2006 which is scheduled every year on 15<sup>th</sup>, 16<sup>th</sup> and 17<sup>th</sup> September.

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#### **PAPER PUBLISHED IN INTERNATIONAL JOURNALS:**

Sr. No.	Title of the paper	Name	Volume	Impact factor	Page number	Year
1.	Efficient and Reliable Routing Algorithm for Mobile Ad Hoc Networks	Journal of Computational and Theoretical Nanoscience (Scopus)	Vol. 16, 1-8,	0.52	1-8	2019
2.	Review of Reliability and Load Balancing Optimization Routing Methods for Wireless Networks	International Journal of Advanced Scientific Research and Management	, Volume 3 Issue	4.265	295 - 299	8, Aug 2018
3.	Optimization based Efficient Load Balancing Routing for Mobile Ad hoc Networks	International Journal of Research and Analytical Reviews	[VOLUME 5 ISSUE 3]		360 - 366	JULY – SEPT 2018

4.	A Survey on Planning and Optimization of Telecommunication Networks: Aspects and Challenges	International Journal of Innovative Research in Science, Engineering and Technology	Vol. 6, Issue 1,	7.089	1111-1114	Jan 2017
5.	A review on driver drowsiness and alcohol detection system	International journal of engineering sciences & research Technology	5(2)	3.785	372 - 376	February, 2016
6.	Wifi Based Surveillance Robotic car usingraspberry Pi	International Journal of Engineering and Techniques -	Volume 4, Issue 5,	6.088	113 - 117	Sept - Oct 2018
7.	A Review Paper on Sign Language Recognition System For Deaf And Dumb People using Image Processing	International Journal of Engineering Research & Technology	Vol. 5 Issue 03,	7.86	590 - 592	March-2016
8.	Hand Gesture Recognition System for Deaf and Dumb People Using PCA	International Journal of Engineering Science and Computing	Volume 6 Issue No. 7	5.611	1892 - 1895	, July 2016
9.	Review on: Hand Gesture Based Interactive Photo Slider	International Journal of Advanced Research in Computer Communication Engineering	Vol 4	6.672	1 - 3	2015
10.	Review on: a portable wireless head movement controlled human-computer interface for people with disabilities	International Journal of Advanced Research in Computer Communication Engineering	Vol 4	6.672	4 - 9	2015
11.	Overview of image based ear biometric with Smartphone app	International Research Journal Engineering Technology (IRJET)	Volume: 04 Issue: 07	7.34	1265 - 1268	2017

12.	Device control using plc: an embedded system Approach	International Journal of Innovation in Engineering, Research and Technology [IJERT]	Vol 15	2.776	1 - 5	2015
13.	Low Cost Smart Vehicle Design and Implementation	Journal of Emerging Technologies and Innovative Research	Volume 6 Issue 6	5.87		June 2019
14.	Review on Smart Vehicle Automation	International Journal for Scientific Research & Development	Vol. 7, Issue 05	4.396	66 - 67	June 2019
15	Human Health monitoring system using Paspberry Pi3 and Labview	Journal of Emerging Technologies and Innovative Research	Vol. 7 Issue 2	5.87	745-747	Feb 2020
16.	IoT Based Garbage bin monitoring system	International Journal of Scientific Research in Engineering and Management	Vol 4 issue 1	8.176	1-3	Jan 2020
17.	A New Audio Steganography with Enhanced Security based on Location Selection Scheme	International Journal of Performability Engineering (Scopus)	Vol.12, No. 5	1.2	451-458	September 2016

**NPTEL CERTIFICATION:**

Year	Course Name	Marks	Performance
2020	Ethics in Engineering Practice	79%	National topper Certificate in Elite class with Silver Medal
2020	Patent Drafting for beginners	60%	Certificate in Elite Class
2021	Effective Engineering Teaching in Practice	77%	Certificate in Elite Class with Silver Medal



2021	Introduction to Professional Scientific Communication	82%	Certificate in Elite Class with Silver Medal
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**Date:**

**Place: Aurangabad**

**Amit Madhav Rawate**