

## Curriculum Vitae



1. **Name** : Dr. Asif Abbas Mulla
2. **Present Status** : Assistant Professor
3. **Address for Correspondence** : Department of Electronics,  
Yashwantrao Chavan College of Science, Karad – 415 124
- Email** : mulla.1984@gmail.com
- Phone** : 02164/271356 (Office),  
09766633713(Mobile)
4. **Permanent Address** : A/P:-Shalgaon Tal:- Kadegaon, Dist:- Sangli, (M.S) – 415 304
5. **Educational Qualifications:** M.Sc.,Ph.D., SET

### **Ph.D. (March – 2024)**

**Thesis Title:** “Design and Implementation of Satellite Antenna Positioning System”

**Supervisor :** Sr. Prof. (Dr.)P. N. Vasambekar

Shivaji University, Kolhapur – 416004 (INDIA) .

### **SET February 2007**

Electronics Science,

UGC- SET Conducted by Savitribai Phule Pune University, Pune

### **M.Sc. (76.29 %) May- 2007**

Electronics (Embedded System Specialization),

Shivaji University, Kolhapur – 416004 (INDIA) .

**Project Title:** “Microcontroller Based Weighing Machine”

**Supervisor :** Prof. (Dr.)S.R. Sawant

### **B.Sc. (74.04 %) May- 2005**

Electronics (with Physics and Mathematics),

Sadguru Gadage Maharaj College, Karad-415124

Shivaji University, Kolhapur – 416004 (INDIA).

**Project Title:** “Telephone Remote Control for Home Appliances”

**Supervisor :** Shri. R.S. Deshmukh

## 6. Teaching Experience: 14 Years (U.G.)\*

### 01 Year (P.G.)\*\*

\*Worked as Lecturer in S.G.M. College, Karad in academic year 2008-2009

\*Working as an Assistant Professor in Yashwantrao Chavan College of Science, Karad from 22/06/2009 to till date

\*\* Worked as Contributory Lecturer for M.Sc. in the academic Year 2007-08 in Department of Electronics, Shivaji University Kolhapur

## 7. Editorial Board Member/Reviewer

1. International Journal of Antenna (JANT) (ISSN-2455-7897)
2. International Journal of Electrical and Computer Engineering (ISSN-2088-4708)
3. IEEE Transactions on Control System Technology

## 8. Research :

**Research Profile Links :** Scopus, Google Scholar, Vidvan ID,

<https://www.scopus.com/authid/detail.uri?authorId=56160506600>

[https://scholar.google.com/citations?hl=en&user=3Ralh8EAAA AJ&view\\_op=list\\_works](https://scholar.google.com/citations?hl=en&user=3Ralh8EAAA AJ&view_op=list_works)

<https://orcid.org/0000-0001-9086-7537>

VIDWAN ID – 400705

Scopus Publications -03

Impact Factor (Max.)- 9.4 (Thomson Reuters)

Google Citations-31

h-index-03

i10-index - 01

### Publications:

Journals		Books	Conferences	
International	National		International	National
04	01	04	02	01

### Research Papers

#### I. Journal Publications

1. A. A., Mulla, and Z. A. Mulla. "Microcontroller Based Weighing Machine." *International Journal of Computer Engineering and Science*, Vol.3(2), pp. 100-103,(2013) ISSN 2231-6590,

2. A. A. Mulla, P. N. Vasambekar, "Overview on The Development And Applications of Antenna Control Systems," *Annual Reviews in Control*, Vol . 41, pp.47-57 (2016), ISSN: 1367-5788.
3. A. A. Mulla, P. N. Vasambekar, "Simulation and Implementation of Angular Displacement Measurement System for Antenna Positioning," *Indian Journal of Science and Technology*, Vol .9(16) (2016), ISSN:0974-5645,
4. A. A. Mulla, P. N. Vasambekar, "Speed Rate Corrected Antenna Azimuth Axis Positioning System" *International Journal of Electronics Engineering Research*. Volume 9 (2) (2017) pp. 151-158, ISSN 0975-6450.
5. A. A. Mulla, P. N. Vasambekar, "Antenna Control System Algorithms" *Journal of Shivaji University – Science and Technology (Peer Reviewed )* ISSN- 0250-5347, vol. 47(1), pg.1-7, 2021.

## **II. Conference Proceedings**

1. A. A. Mulla, P.N. Vasambekar, "Antenna Directional Pattern Measurement System Using AT89C52," *Proceeding of 3<sup>rd</sup> IEEE sponsored International Conference on Computation of Power, Energy, Information and Communication (ICCPEIC-2014)* organized by Department of Electrical and Electronics Engineering, A. E. College, Melmaruvathur, ISBN-978-1-4799-3826-1/14 pp.791-794. March-2014.
2. A.A. Mulla, P.N. Vasambekar, "AT89C51 Based Logarithmic VHF Detector System," *Proceeding of National Conference on Modern Approach for Green Electronics & Computing (MAGEC-2014)* Organized by Department of Electronics, YCIS Satara, ISBN-978-81-928732-2-0 pp.31-34.
3. Nirmale S.S., **Mulla A.A.**, Mudholkar R.R. and Sawant S.R. "Fuzzy Logic Insulated Wire Manufacturing Process" *Proceeding of the International Conference on Trends in Intelligent Control System* Vol. II, pp. 762-764.

## **III. Conference Participation with Paper Presentation**

1. Presented paper entitled "Microcontroller Based Azimuth Axis Positioning System for Receiving Antenna", National Conference on Latest Trends in Electronics and Technology (*LATEST-2014*):- Dated. 14-15<sup>th</sup> Feb-2014.
2. Presented paper entitled "Microcontroller Based X-band Microwave Signal Detection System", *National Conference on Emerging Trends in Electronics and Computer Science (ETECS - 2015)*, Department of Electronics & Department of Computer Science Shivaji University, KOLHAPUR (MS). Dated :-13<sup>th</sup> & 14<sup>th</sup> Feb.2015.

3. Presented paper entitled “*Implementation of Temperature Monitoring and Control System using Arduino*” in the UGC-CPE Sponsored National conference on “*Innovative Trends in Electronics and Allied Technology- ITEAT-2017*”, Dated. 23<sup>rd</sup> February 2017.
4. Presented paper entitled “*Development of Light Intensity Monitoring System*” in the UGC-CPE Sponsored National conference on “*Innovative Trends in Electronics and Allied Technology- ITEAT-2017*”, Dated. 23<sup>rd</sup> February 2017.
5. Paper Presented entitle “*Simulations of Various Memristors, Models, Characteristic and Its Potential Applications*” in the International conference on Emerging Trends and Challenges ETEC-2021, Dtd.- 4 – 6 March 2021.
6. Poster Presented entitle “*Recent Scenario of Positioning Sensors in the Antenna Control System*” in International Conference ICISTM-2023, Dated 16 – 17 January 2023.
7. Paper Presented entitle “*Design Microstrip Patch Antenna for Wireless Communication using IE3D Software*” in International Conference ETCESD- 2024, Dated 22 – 23 March 2024.

#### **IV. Conference Participation**

1. Participated UGC-SAP sponsored National Conference on “*Emerging Trends in Electronics (NCETE-2016)*” organized by Department of Electronics, Shivaji University Kolhapur, Dtd 9<sup>th</sup> February, 2016.
2. Participated in National Conference on “*Recent Trends in Information Technology (NCORITIT-2017)*” organized by Department of Computer Science S.G.M College, Karad, Dtd 29<sup>th</sup> January, 2017.
3. Participated in the National Conference on “*Emerging Trends in Science, Technology and Smart Computing*” ETSTSC-2021, Organized by Willingdon College, Sangli, Dtd. 05 March 2021.
4. Participated in the National Conference on Intellectual Property Rights : Basics and Process” organized by IQAC and Department of Chemistry, Yashwantrao Chavan College of Science, Karad, Dtd. 04 September, 2021.
5. Attended a National E-conference on “*Intellectual Property Rights Basics and Process*” organized by IQAC and Department of Chemistry, Yashwantrao Chavan College of Science, Karad, Dtd. 04 September, 2021.

## **9. Project Completed**

1. Completed one projects entitle “Development of Microcontroller Based Cold Storage Monitoring System” under the Lead College Activity of the Shivaji University, Kolhapur, Total Fund Received – 10, 000/-.

## **10. Books Publications**

1. A text book of “8051 Microcontroller Interfacing and Embedded C” Nirali Publications, Pune, ISBN-978-93-86084-31-6, July 2016.
2. A text book of “8051 Microcontroller and Embedded System” Nirali Publications, Pune, ISBN – 978-93-89825-39-8, January 2020.
3. A text book of “Network Analysis and Analog Electronics” , Nirali Publications, Pune, ISBN- 978-81-19117-52-9, August 2023.
4. A text book of “Introduction to Microprocessor 8085”, Nirali Publications, Pune. ISBN- 978-81-19116-38-6, September 2023.
5. A text book of “Analog Electronic Circuits”, Nirali Publication, January 2024, ISBN 978-93-6109-931-1
6. A text book of “Linear and Digital Integrated Circuits”, Nirali Publication, January 2024, ISBN 978-93-6109-343-2
7. A text book of “8051 Microcontroller and Embedded System”, Nirali Publication, January 2024, ISBN 978-93-6109-424-8

## **11. Conference Session Chairmen**

1. Worked as session chairman in International Conference International Conference ETCESD- 2024, Dated 22 – 23 March 2024.

## **12. Resource Person/Guest Lectures**

1. Worked as Resource Person in one Day Workshop on “VHDL” under lead college activity, organized by Department of Electronics, S.G.M. College, Karad, dtd. 11<sup>th</sup> , February, 2010.
2. Delivered guest lecture on “VHDL Programming” in Department of Electronics, Krishna Mahavidyalay, Rethere (BK), dtd- 14<sup>th</sup> March, 2010.
3. Worked as Resource Person in state level Workshop on “NET/SET Examination Guidance” organized by Y.C.I.S. Satara, dtd. 23 February, 2011.

4. Delivered guest lecture on “VHDL” in Department of Electronics, S.G.M College, Karad, Dtd- 3<sup>rd</sup> February, 2011.
5. Delivered guest lecture on “VHDL Programming” in Department of Electronics, Krishna Mahavidyalay, Rethere (BK), dtd- 10<sup>th</sup> January, 2013.
6. Worked as Resource Person in one Day Workshop on “VHDL Programming” under Lead College Activity organized by Department of Electronics, Y.C.I.S. Satara, dtd- 7<sup>th</sup> March,2013.
7. Delivered guest lecture on “VHDL Software” in Department of Electronics, S.P. Mahavidyalay, Loland, dtd- 11<sup>th</sup> February, 2014.
8. Delivered Guest lecture on the topic “PIC Microcontroller” at Sharadchandra Pawar Mahavidyalay, Lonanad Dtd : 07 February,2020
9. Delivered Guest lecture on the topic “ Recent Trends in Electronics” at Sharadchandra Pawar Mahavidyalay, Lonanad Dtd : 18 May 2021.

### **13. Participation in Refresher/Orientation Course/FDP/STC**

1. Participated in UGC Sponsored orientation program (OP-17) organized by UGC-Human Resource Development Center-Guru Jambheshwar University of Science and Technology, Hisar, Haryana, dtd. 05<sup>th</sup> - 31<sup>st</sup> May, 2014 (**Obtained Grade A**).
2. Participated in UGC Sponsored Refresher Course (RC-32) on “ICT Applications and Soft Skill Development (MD) (Sub-Electronics) ” organized by UGC-Human Resource Development Center-S.P. University Vallabh Vidyanagar, dtd. 1<sup>st</sup> - 21<sup>st</sup> December , 2014 (**Obtained Grade A**).
3. Participated in FDP on “Cyber Security” organized by MHRD PMMMNMTT FDC in Cyber Security and Data Sciences, Shivaji University, Kolhapur, Maharashtra, Dtd. 2<sup>nd</sup> July to 8<sup>th</sup> July 2019.
4. Participated in 6<sup>th</sup> Short term course on “Research Methodology” organized by UGC-HRDC Sardar Patel University, Vallabh Vidyanagar, Gujrat, Dtd: 24<sup>th</sup> February 2020 to 1<sup>st</sup> March 2020.
5. Participated in One Week O-FDP on “Scilab” Sinhgad College of Engineering Pune in Association with Spoken Tutorial Project IIT Bombay, Dtd. 29<sup>th</sup> April 2020 to 4<sup>th</sup> May 2020.
6. Participated in Two Week FDP on “Managing Online Classes and Co-creating MOOCS 2.0” organized by MHRD PMMMNMTT Teaching and Learning Center Ramanujan College University of Delhi, Dtd. : 18<sup>th</sup> May 2020 to 3<sup>rd</sup> June 2020.
7. Participated in Two Week O-Refresher Course on “Research Methodology : Tools and Techniques” organized by UGC HRDC-Mizoram University, Mizoram, Dtd. 7<sup>th</sup> July 2020 to 20<sup>th</sup> July 2020.

8. Participated in Short Term Faculty Development Program on “Research Methodology and Data Analysis (Electronics)” UGC-HRDC SPPU, Pune and SGM College, Karad, Dtd. 13<sup>th</sup> September, 2021 to 18<sup>th</sup> September, 2021.

#### **14. Participation in Workshop/seminar/Training courses, etc.**

1. Participated in one Day Workshop on “Revised Syllabus of B.Sc. III Electronics Sem-VI” organized by Rajaram College, Kolhapur. dtd. 12<sup>th</sup> September, 2015.
2. Participated in one Day Workshop on “Revised Syllabus of B.Sc. III Electronics Sem-VI” organized by Vivekananad College, Kolhapur. dtd. 23<sup>rd</sup> August 2015.
3. Participated in five day training workshop on “Architecture, Programming and Applications of 8051 ” organized by Department of Electronics, Shivaji University Kolhapur, Dtd. 19<sup>th</sup> to 23<sup>rd</sup> August 2014.
4. Completed Training on “Microcontroller and Embedded System” organized by Logsun System Pune, Dtd. 21<sup>st</sup> -23<sup>rd</sup> March 2011.
5. Completed training course on “AVR Microcontroller” organized by Department of Electronics, Shivaji University Kolhapur.
6. Participated in one day National Seminar on “Private University and Quality of Higher Education” organized by SUTA, Kolhapur, dtd. 6<sup>th</sup> October 2013.
7. Participated in two day workshop on “Revised Syllabus of B.Sc. I –Biotechnology” organized by Department of Botany, S.G.M. College, Karad, dtd. 16<sup>th</sup> & 17<sup>th</sup> , March 2008.
8. Participated in “Electronics Meet on Revised Syllabus: VHDL of B.Sc. II” organized by Department of Electronics, The New College, Kolhapur, dtd-13<sup>th</sup> January 2010.
9. Participated in National Symposium on “Microcontroller” organized by DACOE, Karad, dtd. 18<sup>th</sup> – 20<sup>th</sup> February 2012.
10. Participated in UGC sponsored state level workshop on “ARM Based Embedded System Development (ABSED-2010)” organized by S.M. Mahavidyakay, Akhuj, dtd. 8<sup>th</sup> – 10<sup>th</sup> October 2010.
11. Participated in UGC-CPE sponsored workshop on “ Embedded System Design Based on 8051 and PIC Microcontroller” organized by Department of Electronics, Y.C.I.S. Satara, dtd. 12<sup>th</sup> & 13<sup>th</sup> February, 2016.
12. Participated in the one day workshop on “Secure Remote Paper Delivery System- SRPD”, Dtd. 29<sup>th</sup> September, 2016.

13. Participated in “Satara District Level Chatrasabha” organized by C.S. College, Satara, Dtd 05<sup>th</sup> March, 2014.
14. Participated in “Satara District Level Chatrasabha” organized by Arts and Commerce College Pusegaon , Dtd 1<sup>st</sup> January, 2015.
15. Completed Certificate course in “Maintenance of Home Appliances and Electronics Kit Assembling” organized by Department of Electronics, S.G.M College, Karad, course Duration:-1<sup>st</sup> October to 10<sup>th</sup> November 2003.
16. Attended National E-Seminar on “Recent Technological Trends in Electronics” organized by Department of Electronics and IQAC, Krishna Mahavidyalay, Rethere (Bk) Date- 27 August 2020.
17. Attended National webinar on “ IoTs in Electronics Biomedical Instrumentations” Organized by Department of Electronics, KBP Mahavidyalay, Pandharpur, Dtd. 03 September, 2020.
18. Attended in webinar “Fuzzy Logic for Fundamental Research” Date : 22/01/2021
19. Participated in one day workshop on “New Changed Syllabus in Electronics at B.Sc. III Sem. – VI” organized by Department of Electronics, DKASC College, Ichalkaranji, Dtd. 11 February, 2021.
20. Participated National Level Workshop on “Advance Online Assessment”, organized by Department of Electronics, Mudhoji College, Phalton, Dtd. 22 July 2021.
21. Attended National Level Webinar on “Applications of Electronics in Daily Life”, Organized by Department of Electronics, Sharadchandra Pawar Mahavidhyalay, Lonand, Dtd. 27 July 2021.
22. Attended state level webinar on “Word Nature Conservation Day”, Date : 28/07/2021.
23. Participated in one day National Seminar on “National Education Policy : 2020 [NEP-2020]” organized by IQAC and Department of Physics, Yashwantrao Chavan College of Science, Karad, Dtd. 14 October, 2023.

#### **15. Subject Expert in Interview Panel**

1. External Subject Expert for the Electronics for CHB posts at Rayat Shikshan Sanstha Satara, Dtd : 15<sup>th</sup> July, 2019.
2. Internal Subject Expert for the Electronics for CHB posts at Yashwantrao Chavan College of Science, Karad, Dtd : 22 October, 2021.
3. External Subject Expert for the Electronics for CHB posts at Rayat Shikshan Sanstha Satara, Dtd : 15<sup>th</sup> July, 2019
4. External Subject Expert for the Electronics for CHB posts at Krishna Mahavidyalay, Rethare(Bk), Dtd : 31 May, 2023.



5. External Subject Expert for the Electronics for Assistant Professor post at Phalton Education Society, Phalton, Dtd : 26 June, 2023.
6. External Subject Expert for the Electronics for CHB posts at Mahila Mahavidyalay, Karad, Dtd : 28 November, 2023.

#### **16. Board of Studies Member**

1. Member of BOS in Electronics, S. G. M. College, Karad (an autonomous college)

#### **17. Member of Syllabus Subcommittee/Contribution in Syllabus Framming**

1. B.Sc. I Electronics Syllabus of S. G. M. College, Karad (an autonomous college), implemented year 2020-21
2. B.Sc. I (IT) syllabus of Shivaji University, Kolhapur, implemented year 2020-21.
3. B.Sc. I Electronics syllabus of Shivaji University, Kolhapur, implemented year 2020-21.
4. B.Sc. I Computer Science -Entire Syllabus of S. G. M. College, Karad (an autonomous college), implemented year 2020-21.
5. B.Sc. I Electronics syllabus of Shivaji University, Kolhapur, implemented year 2022-23.
6. B.Sc. II Electronics syllabus of Shivaji University, Kolhapur, implemented year 2023-24.
7. B.Sc. I Electronics syllabus of Shivaji University, Kolhapur, implemented year 2024-25.
8. B.Sc. III Electronics syllabus of Shivaji University, Kolhapur, implemented year 2024-25.

#### **18. Award**

1. “Shivaji University Meritorious Scholarship- 2006-07”

#### **19. Organizing Member**

1. Worked as a Organizing Member of “*Yashwantrao Chavan State Level Essay Competition and Yashwantrao Chavan University Level Elocution Competition*” for the Academic years from 2012-13, 2013-14, .....to till date
2. Organizing Member of National Conference on “Recent Trends in Plant Sciences, its Future Prospects and Biodiversity Conservation” dtd 29<sup>th</sup> -30<sup>th</sup> Nov. 2013.
3. Organizing Member of National Conference on “Biotechnology and Applied Zoology” dtd 27<sup>th</sup> & 28<sup>th</sup> September 2013.
4. Organizing Secretary, National Webinar on Materials for Energy, 25/07/2020
5. Convener, One Day Webinar on Linux Operating System Date-19/09/2020
6. Coordinator, online workshop on Changed Syllabus of B.Sc. Part. III (Computer Science-Optional) Semester V Date- 03/02/2021
7. Coordinator, online workshop on changed syllabus of B.Sc. III (Electronics) Sem-V Date-

29/01/2021

8. Coordinator, online workshop on Changed Syllabus of B.Sc. Part. III (Computer Science-Entire) Semester V Date- 04/02/2021
9. Organizing member of district level sports webinar, Date : 20/08/2022
10. Chairman of Subcommittee, 50<sup>th</sup> Satara District level Science Exhibition Date: 19-21/ 01/2023.
11. Organizing Secretary, One day Workshop on “Revised Syllabus of Electronics B.Sc. II (NEP-2020)”, Dtd. 20<sup>th</sup> October, 2023.
12. Organizing member National Conference on “Advances in Chemical Sciences”, Dtd. 08 January 2020.
13. Organizing member One Day National Workshop on “Intellectual Property Rights”, Dtd. 27 December, 2019.

#### **19. Position Held**

1. Head, Department of Computer Science, Yashwantrao Chavan College of Science, Karad
2. CTO, NCC, Yashwantrao Chavan College of Science, Karad

#### **20. College Governing Committee Chairman/Member**

1. Lead College Activity
2. Science Seminar
3. Academic Calendar
4. Computer
5. Discipline
6. NSS
7. Debating Union
8. Record and Dead Stock
9. Laboratory Journal
10. Guidance Batch Scheme
11. Refresher, orientation courses, Conference and workshop
12. Attendance
13. Admission and Roll Call
14. Annual Prize Distribution
15. Placement Cell
16. Competitive Examination Coaching

17. Arts Circle and Youth Festival
18. Innovation and Linkages
19. Website and Prospects
20. Students Feedback

**21. Others**

1. Stood first in M.Sc. Electronics merit list of Shivaji University, Shivaji University, Kolhapur
2. Completed Education Through “Earn and Learn Scheme”

Date : 21.01.2024

Dr. Asif Abbas Mulla