

Curriculum Vitae



Dr. Tabbsum Hanif Mujawar

Present Address:

HOD,
Department of Electronics
Dayanand Science College,
Latur – 413 512,
Maharashtra, India.

Email Id: m.tabbsum@gmail.com

Website: <http://dsclatur.org>

Gender : Female
DOB : 20th April 1988
Marital Status : **Married**
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Academic Qualification:

2013 – 2016	Ph.D. at Solapur University, Solapur on “Development of Wireless Sensor Network for hazardous gas detection and alert system”.
28/08/2010	SET in Electronics Science, UGC approved conducted by Pune University, Pune–411007, Maharashtra, India.
Dec-2014	NET in Electronics Science, UGC approved conducted by CBSE.
2008 – 2010	M.Sc. (Electronics), Department of Electronics, Shivaji University, Kolhapur, Maharashtra, India.
2004 – 2007	B.Sc. (Electronics), Department of Electronics, Shri. Shivaji Mahavidyalaya, Barshi, Maharashtra, India.

- Areas of Research:
 - Wireless Sensor Networks.
 - Embedded Systems, Artificial Neural Networking.
 - IoT and Cloud Computing.

QUICK links:

Web Address	Online links
Google Scholar	https://scholar.google.co.in/citations?user=RdvKfbMAAAAJ&hl=en
ORCID's ID	https://orcid.org/0000-0003-2502-4829
LinkedIn	https://www.linkedin.com/feed/
Research gate profile	https://www.researchgate.net/profile/Dr-Tabbsum-Mujawar

Ph.D Details:

- Ph. D thesis title: Development of Wireless Sensor Network for hazardous gas leakage detection and alert system.
- Guide Name: Prof. L. P. Deshmukh, Ex-Director, School of Physical Sciences, Solapur University, Solapur (MS). India.
- Year of Award: 09 Sept. 2016.

List of Publications (Published in Refereed Journals):

- **T. H. Mujawar**, J. Akhtar and L. P. Deshmukh, “Enhanced WSN based Automatic Temperature Controlled and Data Storing Fan System with LabVIEW” Springer, Book Series: Lecture Notes in Electrical Engineering, <https://doi.org/10.1007/978-981-19-0588-9>.
- **T. H. Mujawar**, M. S. Kasbe, S. S. Mule and L. P. Deshmukh, “Online monitoring of WSN based air quality monitoring system”, AIP Conference Proceedings 1989, 020030 (2018), 020030-1- 020030-9.
- M. S. Kasbe, **T. H. Mujawar**, S. S. Mule, P.Prabhakar, A.D.Shaligram and L. P. Deshmukh, “An advanced electronic nose (EN) system: Application to classification of tomato and mint”, AIP Conference Proceedings 1989, 020017 (2018), 020017-1-020017-6.

- **T.H.Mujawar**, M.S.Kasbe, P.Prabhakar, L.P.Deshmukh, “A New Environment Monitoring System Using Arduino and LabVIEW Applications”, Journal of Applied Geochemist, 20(4), pp.443-446, 2018.
- R. Zade, N. Khadgi, M.Kasbe, **T.Mujawar**, “Online Garbage Monitoring System Using Arduino and LabVIEW”, Int. J. Sc. Res. in 6 Network Security and Communication, 6(6), pp.5-9, 2018.
- L.P.Deshmukh, **T.H.Mujawar**, M.S.Kasbe, S.S.Mule, J.Akhtar and N.N.Maldar,” A LabVIEW Based Remote Monitoring and Controlling of Wireless Sensor Node for LPG Gas Leakage Detection”, IEEE Conference Proceedings, 2017.
- L.P.Deshmukh, M.S.Kasbe, T.H.Mujawar, S.S.Mule, A.D.Shaligram,” A Wireless Electronic Nose (WEN) for the Detection and Classification of Fruits: A Case Study”, IEEE Conference Proceedings, 2017.
- MS Kasbe, **TH Mujawar**, SS Mule, VD Bachuwar, AD Shaligram, L.P.Deshmukh, “A novel approach for the quality monitoring of mint using an e-nose system” Indian Journal of Scientific Research, 15(2), pp.191-197,2017.
- . S.S.Mule, **T.H.Mujawar**, M.S. Kasbe and L.P. Deshmukh, “Microcontroller based blood glucose meter: Design and Development”, IJESSET, 8(5), 234-239, 2016.
- M.S. Kasbe, **T.H.Mujawar**, S.S.Mule, L.P.Deshmukh and A.D.Shaligram,” Development of LabVIEW based electronic nose to determine the quality of food”, IJESSET, 8(5), 222-228, 2016.
- **T.H.Mujawar** , V.D.Bachuwar, M.S. Kasbe, , P. Prabhakar, A.D.Shaligram and L.P. Deshmukh, “WSN Based sensor node deployment for LPG gas leakage detection and controlling”, IJCR 8(3) 28373-28379. 2016
- M.S.Kasbe, S.L.Deshmukh, **T.H.Mujawar**, V.D.Bachuwar, L.P. Deshmukh, A.D. Shaligram,” An Electronic nose with LabVIEW using SnO₂ Based Gas Sensors: Application to test freshness of the fruits”, International Journal of Scientific and Engineering Research (IJSER) - (ISSN 2229-5518), 2016.
7
- **T.H.Mujawar**, M.S. Kasbe, S.S.Mule and L.P. Deshmukh,” Development of wireless gas sensing system for home safety”, IJESSET, 8(5), 213-221, 2016.
- **T.H.Mujawar**, V.D.Bachuwar, M.S. Kasbe, A.D.Shaligram and L.P.Deshmukh,”Wireless Sensor Network System: Gas leakage detection and monitoring” IJCR, 7(7) 18445-18450. 2015
- **T.H.Mujawar**, V.D.Bachuwar M.S.Kasbe, A.D. Shaligram, L.P. Deshmukh, “Development of wireless sensor network system for LPG gas leakage detection system”, International Journal of Scientific and Engineering Research (IJSER), 6(4), pp.558-563, 2015.
- M.S.Kasbe, **T.H.Mujawar**, V.D.Bachuwar, L.P. Deshmukh, A.D. Shaligram,” Freshness study of non-destructive papaya by using an electronic nose”, IJCAES, Vol.V, pp.2-7, 2014.

- **T.H.Mujawar**, V.D.Bachuwar, M.S. Kasbe, A.D. Shaligram and L.P. Deshmukh.” A Wireless Sensor Network: A Dynamic System for Gas Leakage Detection”, International Journal of Computer Applications, Vol.1, pp.1-4, 2014.
- **T.H.Mujawar**, V.D.Bachuwar, Dr.S.S.Suryavanshi,” Air Pollution Monitoring System in Solapur City Using Wireless Sensor Network”, IJCA, pp.11-15, 2013.
- M.S.Kasbe, **T.H.Mujawar**, V.D.Bachuwar, S.A.Pawar, S.S.Suryavanshi,” Circularly polarized Square MS patch antenna design with two corners chopped for 2.45 to 2.483GHz band”, IJCAES, Vol.III, pp.31-35,2013.
- J.U. Rakshe, S. S. Savali, R.B. Badiwale, **T.H. Mujawar**,” Smart Car Parking System using IOT: An approach for Solapur University campus”, e-Proceeding - ICRAPCS-2020 ISBN - 978-93-5396-893-9.
- **T.H.Mujawar**, V.D.Bachuwar, M.S. Kasbe, A.D. Shaligram and L.P. Deshmukh, “Design and development of lpg gas leakage detection and controlling system”, Avishkar – Solapur University Research Journal, pp. 23- 28. Vol. 4, 2015, ISSN 2319-2410
- V.D.Bachuwar, **T.H.Mujawar**, M.S. Kasbe, V.M.Prakshale and L.P. Deshmukh, “Deployment of Wireless Sensor Network for Efficient Irrigation”, Avishkar – Solapur University Research Journal, pp. 9-17. Vol. 4, 2015, ISSN 2319-2410
- MS Kasbe, **T.H. Mujawar**, VD Bachuwar, P Prabhakar, L.P. Deshmukh, A.D. Shaligram “Quality assessment of onions using electronic nose: system development and detection”, Avishkar – Solapur University Research Journal, pp. 41-45. Vol. 4, 2015, ISSN 2319-2410
- S.K. Shinde, **T. H. Mujawar**, V.B. Bachuwar, L.P. Deshmukh & A.D. Shaligram, “An Agricultural Environment Monitoring: A Wireless Sensor Network and Web Server approach”, Proceedings of National Conference on Energy and Environment (NC2E-2014).
- V Kulkarni, B Chipade, MS Kasbe, SS Mule, **TH Mujawar**, “A LabVIEW based system for sorting of ripening stages of banana”, Journal of Information Technology and Sciences, Volume 3 Issue 2, pp.1-9, MAT Journals, 2017.
- **TH Mujawar**, MS Kasbe, VD Bachuwar, LP Deshmukh “Development of Wireless Sensor Network for Hazardous Gas Leakage Detection”, Proceedings of National conference on recent trends in electronics and instrumentation, pp.142-144,, Sept.2013.

List of Chapter in Edited Book Published/ Forthcoming Publication:

(a) Publications (other than Research papers) (Books, Chapters in Books),

i) Books Published with ISSN / ISBN number, International Publisher Book for Single Author, National Publisher, Book for Single Author

Sr. No.	Title of Chapter with Page Nos.	Name of Book	Publisher Name & ISSN / ISBN NO.	Co-Authors	Whether Principal Author /Co-Author
1	Smart Environment Monitoring System using Wired and Wireless Network: A comparative study	Atmospheric Air Pollution and Monitoring.	978-1-78985-280-6	--	Principal
2	Design and Development of Air Quality Monitoring System for Solapur City Using Smart Technologies: WSN and IoT	Environmental Management	978-1-83962-547-3	03	Principal
3	IoT based Object Sorting and portable skin tone meter system	Materials for opto-electronics applications,	97-1-387-42404-7.	03	Principal

ii) Books Published as author or as editor:

Sr. No.	Title of Book with Page Nos.	Publisher Name & ISSN / ISBN NO.	International / National Publisher	No. of Co-Authors	Whether Principal Author /Co-Author
1	Wireless Sensor Network for Smart Protection against Gas Leakage	LAP LAMBERT Academic Publishing, Germany. ISBN: 978-3-659-97257-7	International	00	Principal

2	A novel approach for online air quality monitoring system using WSN	LAP LAMBERT Academic Publishing, Germany. ISBN: 978-3-330-11520-3	International	00	Principal
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Paper (Oral & Poster) Presentations at national and international conferences:

Sr. No	Title of paper	Author	Name of conference	Year
1	Development of Wireless Sensor Network for Hazardous Gas Leakage Detection (Oral)	T.H. Mujawar, V.D. Bachuwar, M.S.Kasbe, A.D.Shaligram L.P.Deshmukh	National Conference on Recent Trends in Electronics and Instrumentation (NCRTEI-2013), Bharathiar University, Coimbatore-641046	September 20-21, 2013.
2	Circularly polarized Square MS patch antenna design with two corners chopped for 2.45 to 2.483GHz band (Oral)	M.S.Kasbe, T.H.Mujawar, V.D.Bachuwar, S.A.Pawar, S.S.Suryavanshi	2nd International Conference on Computing, Communication And Sensor Network (CCSN) - 2013 Dharmatala, Kolkata West Bengal	November 22nd-24th, 2013.
3	Air Pollution Monitoring System in Solapur City Using Wireless Sensor Network (Oral)	T.H.Mujawar, M.S.Kasbe, V.D.Bachuwar, U.R.Ghodake, S.S.Suryavanshi	2nd International Conference on Computing, Communication And Sensor Network (CCSN) -2013 Dharmatala,Kolkata - 700013, West Bengal (India)	November 22nd-24th, 2013.
4	Freshness study of non-destructive papaya by using an electronic nose (Oral)	M.S. Kasbe, T.H. Mujawar, V.D.Bachuwar, L.P.Deshmukh, A.D. Shaligram	3rd International Conference on 'Computing, Communication and Sensor Network' BNR, Puri, Odisha, India.	December, 12-14th, 2014 .
5	A Wireless Sensor Network: A Dynamic System for Gas Leakage Detection (Oral)	T.H. Mujawar, V.D.Bachuwar, M.S. Kasbe, A.D.Shaligram L.P. Deshmukh	3rd International Conference on 'Computing, Communication and Sensor Network', BNR, Puri, Odisha, India.	December, 12-14th, 2014 .

6	An agricultural monitoring: A wireless Sensor Network and WebServer approach (Oral)	A.S.K.Shinde T.H.Mujawar, V.D.Bachuwar A.D. Shaligram L.P. Deshmukh	National Conference on Energy and Environment (NC2E-2014), Pune University.	February 20-22 2014
7	Development of Wireless Sensor Network for Proficient Irrigation System (Oral)	V.D. Bachuwar T.H.Mujawar, M.S.Kasbe A.D. Shaligram L.P.Deshmukh	National Conference on Energy and Environment (NC2E-2014), Pune University.	February 20-22 2014
8	XBee- LabVIEW based wireless sensor network for gas leakage detection and monitoring (Oral)	T.H.Mujawar, V.D.Bachuwar M.S.Kasbe A.D. Shaligram L.P.Deshmukh	National Conference on Energy and Environment (NC2E-2014), Pune University.	February 20-22, 2014
9	wireless sensor network system: gas leakage detection and monitoring (Oral)	T.H. Mujawar, V.D.Bachuwar M.S.Kasbe, S.L.Deshmukh A.D. Shaligram L.P.Deshmukh	International photovoltaic solar energy Conference (SOLAR ASIA-2015)	30 July-1 august, 2015
10	LabVIEW and XBee module based E-nose: An application to determine freshness of fruits (Oral)	M.S.Kasbe, T.H.Mujawar, V.D.Bachuwar, S.L.Deshmukh, A.D. Shaligram L.P.Deshmukh	International photovoltaic solar energy Conference (SOLAR ASIA-2015)	30 July-1 august, 2015
11	Microcontroller based blood glucose meter: Design and Development (Oral)	S.S.Mule, T.H.Mujawar, M.S. Kasbe and L.P. Deshmukh.	NITET, A.G.PATIL institute of technology, Solapur, 2016	11-12, March, 2016
12	Development of LabVIEW based electronic nose to determine the quality of food (Oral)	M.S. Kasbe, T.H.Mujawar, S.S.Mule, L.P. Deshmukh and A.D.Shaligram	NITET, A.G.PATIL institute of technology, Solapur, 2016	11-12, March, 2016

13	A LabVIEW Based Remote Monitoring and Controlling of Wireless Sensor Node for LPG Gas Leakage Detection (Oral)	L.P.Deshmukh, T.H.Mujawar, M.S.Kasbe, S.S.Mule, J.Akhtar and N.N.Maldar	ISESD 2016, Bandung Indonesia.	26-27 Nov, 2016
14	A Wireless Electronic Nose (WEN) for the Detection and Classification of Fruits: A Case Study (Oral)	L.P.Deshmukh, M.S.Kasbe, T.H.Mujawar, S.S.Mule, A.D.Shaligram	ISESD 2016, Bandung Indonesia.	26-27 Nov, 2016
15	Participated	T.H.Mujawar	Indian Patenting and Filing Procedures at solapur university, Solapur	25 th August, 2016.
16	Participated	T.H.Mujawar	Revised Accreditation Framework of NAAC at P.A.H Solapur University, Solapur	22 nd August, 2019.
17	A novel approach for the quality monitoring of mint using an E-nose system (Oral)	M.S.Kasbe, T.H.Mujawar, S.S.Mule V.D.Bachuwar, A.D. Shaligram L.P.Deshmukh	ICCI 2017, Bhubaneswar.	28-29 May, 2017
18	Online monitoring of WSN based air quality monitoring system (Oral)	T. H. Mujawar, M. S. Kasbe, S. S. Mule and L. P. Deshmukh,	3 rd International Conference on Emerging Technologies: Micro to Nano 2017 (ETMN 2017)	6-7 Oct. 2017
19	An advanced electronic nose (EN) system: Application to classification of tomato and mint (Oral)	M. S. Kasbe, T. H. Mujawar, S. S. Mule, P. Prabhakar, A.D. Shaligram and L. P. Deshmukh	3 rd International Conference on Emerging Technologies: Micro to Nano 2017 (ETMN 2017)	6-7 Oct. 2017

20	A New Environment Monitoring System Using Arduino and LabVIEW-Applications (Oral)	T.H.Mujawar, M.S.Kasbe, P.Prabhakar, L.P.Deshmukh	National Conference on Multidisciplinary Research in Geo Environment Studies for Sustainable Development	15-16 Sept.2017
21	Committee Member	T.H.Mujawar	International Workshop on Untold History of U.S. and Concept of Nuclear Energy	4 January, 2019
22	Attended	T.H.Mujawar	Capacity Building for Women Managers in Higher Education, Training Workshop	25 th – 27 th October, 2018
23	Development of E-nose for Agriculture Applications (Poster)	M. S. Kasbe, T. H. Mujawar, S. M. Godase, V.M.Prakshale, A.D.Shaligram and L. P. Deshmukh	4 th International Conference on Emerging Technologies : Micro to Nano 2019 (ETMN 2019)	16-17 th December 2019
24	Smart Car Parking System using IOT: An approach for Solapur University campus (Oral)	J.U. Rakshe, S. S. Savali, R.B. Badiwale, T.H. Mujawar	International Conference On recent advances in physical and chemical sciences, Sangola College, Sangola	22 nd January 2020
25	Enhanced WSN based Automatic Temperature Controlled and Data Storing Fan System with LabVIEW (Oral)	T. H. Mujawar, J.Akhtar and L. P. Deshmukh	International E- conference on Flexible Electronics for Electric Vehicles (FlexEV-2021)	March 18-19, 2021
26	Committee Member	T.H. Mujawar	National e-Conference on Materials for Emerging Technologies-2021	22 nd March 2021
27	IoT based Object Sorting and portable skin tone meter System (Oral)	V.A.Chaudhary, P.Girgaon, P.Sutar, P.D.Rupanwar, T.H. Mujawar,	International E- conference on Material Science and Nanotechnology 2020	December 17-19, 2020
28	IoT Based Advanced Air Pollution Monitoring System	M.A.Aamalawar and T.H.Mujawar	International Conference on Advances in Science of the Earth: Relevance to the society, SRTMUN	November 24-26, 2022

[A] Professional Activities

Internship Program/FDP:

- Completed Training in the course of “Internship Program in Artificial Intelligence and Machine Learning using Python” from 1/06/2022 to 15/06/2022 with A1 grade organized by NSIC, Telangana.
- Attended faculty Development Program on “Workshop on Women Leadership: Phase 1” from December 16 to 20, 2022 organized by PAHSUS and MSFDA.
- Contributed as a resource person in the Faculty Development Program organized by department of electronics, YCIS, Satara on 20/08/2021.

Editorial board member of Journals:

- Editorial board member of American Journal of Science, Engineering and Technology.
- Editorial board member (**Associate Editor**) of Primera Scientific International Journal.

Invited Talks:

- Delivered an invited talk on “Development of wireless sensor network for home safety”, NITET-2016, A.G.PATIL institute of technology, Solapur on 11th March, 2016.
- Delivered an Interview on “All India Radio-Solapur” in Yuvawani Program on 13 November, 2020.
- Contributed a four session on “Vigyanam Lokhitay” science awareness program produced by Prasar Bharati, All India Radio- solapur on 20/10/2022.

Resource Person:

- Contributed as a resource person in the one-day workshop organized by department of electronics, Sangmeshwar College, Solapur on 30/01/2015.
- Contributed as a resource person in the one-day workshop organized by department of electronics, DBF College, Solapur on 08/02/2015.
- Contributed as a resource person in the one-day workshop organized by department of electronics, Sangmeshwar College, Solapur on 29/12/2017.
- Contributed as a resource person in the online guest lecture series organized by department of electronics, Shri. Shivaji Mahavidyalaya, Barshi on 11/04/2022.
- Contributed as a resource person in the National Webinar organized by department of electronics, Tuljaram Chaturchand College of Arts, Science and Commerce on 18/12/2021.
- Contributed as a resource person in the one-day workshop organized by department of

electronics, DBF Dayanand College of Arts & Science, Solapur on 23/05/2021.

- Contributed as a resource person in the State level Webinar organized by department of electronics, Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College on 12/04/2022.
- Delivered a Guest lecture on “Mobile Communication” in V.P Polytechnique College, Indapur on 16-09-2011.
- Delivered a Guest lecture on “Basics of 8051 microcontroller” in V.PPolytechnique College, Indapur on 13-02-2012.
- Delivered a Guest lecture in Electronics paper –II for the certificate course in, “Foundation Course for Competitive Examinations (NET/SET/ M.Sc Entrance)” for B.SC –III (ELECTRONICS) Students at Sangmeshwar College, Solapur, 2018.

Conference Organized:

- Worked as a Co-convener in the International e-conference on Material Science and Technology organized by department of electronics, Dayanand Science College, Latur from 17th Dec. to 19th Dec. 2020.

Reviewer and Chairperson:

- Worked as a Reviewer of Materials Today: Proceedings, Special issue on ICMES 2018.
- Worked as a Reviewer of 2023 8th Asia Conference on Power and Electrical Engineering (ACPEE 2023), Tianjin, China | April 14 to 16, 2023
- Worked as a Reviewer of Indo-Taiwan IEEE Sponsored International Conference on Computing, Analytics and Networks (ICAN2020)!
- Reviewed Research Papers submitted to the 3rd International Conference on Computing, Analytics and Networks - ICAN 2022, organized by Chitkara University, India on November 18-19, 2022 with technical sponsorship from IEEE.
- Reviewed a Book Chapter submitted to the Intech Open publisher, UK, London on October 11th, 2022.
- Worked as a Chairperson in the International e-conference on Material Science and Technology organized by department of electronics, Dayanand Science College, Latur from 17th Dec. to 19th Dec. 2020.

Academic Works:

PAPER SETTER:

Worked as a paper setter in the M.Sc Physics (Applied Electronics) and M.Sc Electronic Science at Solapur University, University from 2013 to 2022.

PAPER ASSESSMENT:

Worked as a **Examiner** and **Moderator** in the M.Sc Physics (Applied Ele.), M.CA, M.Sc Computer Science and M.Sc Electronic Science at Solapur University, University from **2013 to 2022**.

PRACTICAL EXAMINER:

Worked as a **Practical Examiner** in the M.Sc Physics (Applied Ele.) and M.Sc Electronic Science at Solapur University, University from **2013 to 2022**.

ADMINISTRATIVE EXPERIENCE:

- Worked as a **NAAC Co-ordinator for Criteria –III** of School of Physical Sciences, P.A.H. Solapur University, Solapur
- Worked as a committee member of **Women Cell** at Punyashlok Ahilyadevi Holkar Solapur University, Solapur on June 7, 2022.
- Worked as a **Mentor** (Research Training) for M.Sc Electronics Students of YCIS, Satara from 2021 to 2022.
- **Students guided** during doctoral courses (Total number): **40**
- Acted as **Mentor** for **SWAYAM MOOCS** Activity at School of Physical Sciences, Solapur University, Solapur in 2018.
- Acted as a **staff member** and **organizing committee member** of 3rd International Conference on Emerging Technologies: Micro to Nano 2017 (**ETMN 2017**) held in the year 2016-17 by Solapur University, Solapur.
- Acted as a staff member for smooth conduct of “**MISSION SAHASI**” programme organized by Solapur University, Solapur for self-defense of ladies.
- Acted as a staff member and committee member for “**YUVA SPANDAN**” activity organized by Solapur University, Solapur on 4-5 Jan., 2018.
- Acted as a staff member and committee member for smooth conduct of Workshop on “**Hands on Training on microcontroller**” held in the year 2011-12 by Solapur University, Solapur.
- Acted as a staff member and committee member for smooth conduct of on “**MATLAB and**

Simulink” held in the year 2012-13 by Solapur University, Solapur.

- Acted as a staff member and committee member for smooth conduct of Workshop on **“Latest trends in material characterization techniques”** held in the year 2014-15 by Solapur University, Solapur.
- Active member of Workshop on **“Latest Trends in Fundamental Research”** held in the year 2014-15 by Solapur University, Solapur.
- Acted as a staff member and committee member for smooth conduct of on **“Interaction Meet on Physics and Electronics -2020”**, School of Physical Sciences, P.A.H. Solapur University, Solapur, 9 August, 2020.
- Visited KBP Pandharpur, S.S.M Barshi, Dayanand College, Solapur and Sangmeshwar College, Solapur with a motto to explain role of Electronics (Communication Science) in S& T, Job opportunities in industrial sector.
- **Member of Professional Bodies:**
- Life member ship of Society for Promotion of Excellence in Electronics Discipline (SPEED), 2014

Awards :

- Got ranking in World Scientist and University Rankings 2023 indexed by **AD Scientific Index, Stanford University**, Stanford.
- **“Global Eminent Scientist Award”** For Research Excellence in Electronic Science awarded by Vij Trust, Thirunindravur, Tamilnadu on 26th June 2021.
- **“International Scientist Award-Women Researcher Award”** in the 9th International Scientist Awards on Engineering, Science and Medicine held on 12 & 13 Sept. 2020, Trichy, Tamilnadu, India.
- **“Rashtramata Jijau Vidnyan Bhushan Puraskar-2021”** awarded by Maraththa Seva Sangh on 24th Jan. 2021 at Osmanabad.
- **“Late Shantaram Narayan Waigankar Paritoshik”** for securing highest number of marks in the subject of Electronics at M.Sc examination held in April 2010.
- **“Shivaji University Merit Scholarship”** for meritorious performance in the subject of Electronics at M.Sc –I examination held in April 2010

Achievements:

- Secured 6th rank in Shivaji University amongst the examination held in April 2010 examination.
- **“Rank Certificate”** Secured 6th rank in Shivaji University amongst the examination held in April 2010 examination.

- **Best First Paper Presentation Award** “Development of Wireless Sensor Network for Hazardous Gas Leakage Detection”, National Conference on Recent Trends in Electronics and Instrumentation- [NCRTEI-2013], Organized by Dept. of Electronics and Instrumentation, BHARTATHIAR UNIVERSITY, COIMBATORE.
- **Best First Paper Presentation Award** “A new environment monitoring system using arduino and LabVIEW: Application”, National Conference on- Multidisciplinary Research In Geo Environmental Studies For Sustainable Development [MRGESSD-2017], Organized by School of Earth Sciences, Solapur University, Solapur, 15-16 Sept. 2017.
- **Best First Poster Presentation Award**” Smart Car Parking System using IOT: An approach for Solapur University campus”, Interaction Meet on Physics and Electronics - 2020”,School of Physical Sciences, P.A.H. Solapur University, Solapur, 9 August, 2020.

Projects:

- ✓ Worked as a **Co-PI** of the project, “Design and Development of soil moisture sensor for smart irrigation monitoring and controlling system” sanctioned by **Rajiv Gandhi Science and Technology Commission**, Government of Maharashtra, 30 January, 2021.
- ✓ Worked as a **Co-PI** of the project, “Soil Organic Carbon Detector and Testing Kit” sanctioned by Punyashlok Ahilyadevi Holkar Solapur University, Solapur under AKRUTI Tech. Plus Scheme , 24 March,2022.

YouTube Lectures:

Name of the Teacher	YouTube Link	Date of Upload
Dr. T. H. Mujawar	https://youtu.be/WWmUb3dZZWw	20.04.2019
Dr. T. H. Mujawar	https://youtu.be/WNTUjD9_970	22.05.2021