



Dayanand Education Society's
Dayanand Science College, Latur

PERSONAL DETAILS

Name: Dr. Tabbsum Hanif Mujawar

Date of Birth: 20/04/1988

Phone: 9130366590

E-Mail: m.tabbsum@gmail.com



JOB DESCRIPTION

Unique ID :

Position: HoD, Assistant Professor

Date of Appointment: 28/02/2023

Date of retirement: 30/04/2048

Department: Electronics

Post Graduation: M.Sc Electronics

Type of Association (Yes/No)

- 1. Permanent Faculty:** Yes
- 2. CHB:**
- 3. Adjunct Faculty (Contract) :**
- 4. Visiting Faculty :**

EDUCATION QUALIFICATION

Degree	Institute	University	Year of passing	Grade / percentage
Ph.D.	Solapur University, Solapur	Solapur University, Solapur	2016	-----
NET	UGC approved conducted by CBSE	UGC approved conducted by CBSE	2014	-----
SET	UGC	Pune University, Pune	2010	----
M. Sc.	Shivaji University, Kolhapur	Shivaji University, Kolhapur	2010	76.20%
B. Sc.	Shri. Shivaji Mahavidyalaya, Barshi	Solapur University, Solapur	2007	82.33%
HSC	Shri. Shivaji Mahavidyalaya, Barshi	Pune Board	2005	83.83%
SSC	Z.P Girls High School, Paranda	Latur Board	2003	89.66%

WORK / TEACHING EXPERIENCE

Department	Institute/college	University	Tenure/ duration
Jr. Lecturer Department of Electronics	DKASC, Ichalkaranji. Kolhapur	Shivaji University, Kolhapur	1 Yr
Sr. Lecturer, Department of Electronics	Department of Electronics, DKASC, Ichalkaranji.Kolhapur	Shivaji University, Kolhapur	1Yr

Assistant Professor, Department of Electronics	Solapur University, Solapur	Solapur University, Solapur	12 Yr
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COURSES TAUGHT

Department	Institute/college	University	Papers taught
Electronics	Solapur University, Solapur	Solapur University, Solapur	Control Theory, Network Analysis and Synthesis, Communication Networking, Advanced ARM Microcontrollers, Communication Systems, Digital Electronics and VHDL, Power Electronics, Digital Signal Processing, Embedded System Design and Digital Electronics and Verilog HDL etc.
Electronics	Dayanand Science College, Latur	Swami Ramanand Teerth Marathwada University, Nanded	Basic Digital Electronics, Digital Circuits, C Language, Electronic Instrumentation, 8051 Microcontroller, Communication Electronics etc.

INDUSTRY EXPERINCE

No

OTHERS EXPERINCE

No

RESEARCH EXPERINCE

5 Years

1. Successfully completed project work entitled “**RISC processor designing using Handle-C language**” for the partial fulfillment of the requirement for master degree during 2009-2010.
2. Ph. D. in Electronics on the research topic entitled “**Development of Wireless Sensor Network for Hazardous Gas Detection and Alert System**” during 2012-2016.

RESEARCH GUIDANCE

Sr. No	Name of Students	Research Topic	Joining Date	Completed Date
				Nil

AREA OF SPECIALIZATION

1. Wireless Sensor Networks
2. IoT
3. Artificial Intelligence
4. Embedded Systems

PROJECTS CARRIED OUT

Sr. No.	Project Title	Major/ Minor	Funding Agency	Fund Received	Date of Completion
1	“Design and Development of soil moisture sensor for smart irrigation monitoring and controlling system”	Minor	Rajiv Gandhi Science and Technology Commission, Government of Maharashtra,	5,00,000/-	Ongoing
2	“Soil Organic Carbon Detector and Testing Kit”	Minor	Punyashlok Ahilyadevi Holkar Solapur University, Solapur under AKRUTI Tech. Plus Scheme	5,00,000/-	Ongoing

PATENTS FILLED & GRANTED

Sr. No.	Title of Invention	Publication Date	Granted Date	Application No	National / International
1.	MACHINE LEARNING BASED STRESS DETECTION DEVICE	26/08/2023	27/09/2023	393708-001	National

RESEARCH PUBLICATION NO OF PAPERS PUBLISHED

Sr. No.	Name of Authors	Title of the paper	Year of publication, Name of Journal, Volume & Page Nos.	Referred or Non Referred	ISBN / ISSN No.	Level (Int./ Nat./ State/ Local)	Impact Factor	Active Link
1	2	3	4	5	6	7	8	9
1.	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, 2022, pp.11-26	Referred	978-981-19-0587-2	Int.		https://doi.org/10.1007/978-981-19-0588-9
2.	T. H. Mujawar, M. S. Kasbe, S. S. Mule and L.	“Online monitoring of WSN based air quality monitoring system”,	AIP Conference Proceedings 1989, 020030 (2018), pp. 020030-1- 020030-9.	Referred	1551-7616	Int.		https://doi.org/10.1063/1.5047706

	P. Deshmukh.							
3.	M. S. Kasbe, T. H. Mujawar, S. S. Mule, 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.	Referred	1551-7616	Int.		https://doi.org/10.1063/1.5047693
4.	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.	Referred	978-1-5090-3840-4	Int.		10.1109/ISESD.2016.7886703
5.	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	Referred	978-1-5090-3840-4	Int.		https://doi.org/10.1109/ISESD.2016.7886714
6.	R.V. Shinde, B. Gabane, T. H. Mujawar, and M. S. Kasbe	“Antenna Design and Fabrication with Circular Microstrip Patch: A Review	Journal on Today’s Ideas - Tomorrow’s Technol., Vol. 8, No. 2 (2020), pp. 65-71.	Referred	ISSN 2321-3906	Int.		Vol. 8 No. 2 (2020) Journal on Today's Ideas - Tomorrow's Technologies (chitkara.edu.in)
7.	T.H. Mujawar, M.S. Kasbe, Prabhakar,	“A New Environment Monitoring System Using Arduino and	Journal of Applied Geochemist, 20(4), pp.443-446, 2018.	Referred	0972-1967	Int.		indianjournals.com/ijor.aspx?target=ijor:jag&type=home

	L.P. Deshmukh,	LabVIEW Applications”,						
8.	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.	Referred	ISSN 2321-3256	Int.		Online Garbage Monitoring System Using Arduino and LabVIEW (ijrns.org)
9.	MS Kasbe, T.H 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.	Referred	ISSN: 2250-0138 (Online)	Int.		Microsoft Word - BSR-2728517-349 (ijsr.in)
10.	S.S. Mule, T.H. Mujawar, M.S. Kasbe and L.P. Deshmukh,	“Microcontroller based blood glucose meter: Design and Development”,	IJESET, 8(5), 234-239, 2016.	Referred	ISSN: 2231-6604	Int.		(pdf) microcontroller based blood glucose meter: design and development (researchgate.net)
11.	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”,	IJESET, 8(5), 222-228, 2016	Referred	ISSN: 2231-6604	Int.		development of labview based electronic nose to - M.MOAM.INFO
12.	T.H. Mujawar, V.D. Bachuwar, M.S. Kasbe, P.	“WSN Based sensor node deployment for LPG gas leakage detection and controlling”,	IJCR 8(3) 28373-28379. 2016	Referred	ISSN:0975-83XX	Int.		Wsn based sensor node deployment for lpg gas leakage detection and controlling International Journal of

	Prabhakar, A.D. Shaligram and L.P. Deshmukh,						Current Research (journalcra.com)
13.	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) - 2016.	Referred	ISSN 2229-5518	Int.	An-Electronic-nose-with-LabVIEW-using-SnO2-Based-Gas-Sensors-Application-to-test-freshness-of-the-fruits.docx (ijser.org)
14.	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.	Referred	ISSN: 2231-6604	Int.	(pdf) development of wireless gas sensing system for home safety (researchgate.net)
15.	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	Referred	ISSN:0975-83XX	Int.	Wireless sensor network system: Gas leakage detection and monitoring International Journal of Current Research (journalcra.com)
16.	T.H. Mujawar, V.D. Bachuwar M.S. Kasbe, A.D. Shaligram,	“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	Referred	ISSN 2229-5518	Int.	Development of wireless sensor network system for LPG gas leakage detection system (ijser.org)

	L.P. Deshmukh,							
17.	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.	Referred	ISSN: 2231-4946	Int.		(PDF) Freshness Study of Non-Destructive Papaya by Using an Electronic Nose (researchgate.net)
18.	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.	Referred	ISSN 0975-8887.	Int.		A Wireless Sensor Network: A Dynamic System for Gas Leakage Detection (ijcaonline.org)
19.	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	Referred	ISSN 0975-8887.	Int.		Air Pollution Monitoring System in Solapur City using Wireless Sensor Network (ijcaonline.org)
20.	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.	Referred	ISSN: 2231-4946	Int.		IJCAES-CCSN-2013-005.pdf
21.	J.U. Rakshe, S. S. Savali, R.B.	“Smart Car Parking System using IOT: An	e-Proceeding - ICRAPCS-2020	Referred	ISBN - 978-93-	Nat.		(PDF) Synthesis and Antifungal Potency against

	Badiwale, T.H. Mujawar,	approach for Solapur University campus”			5396-893-9.			Aspergillus Niger of Dimalonitriles derivatives of Cyclic Imides (researchgate.net)
22.	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	Referred	ISSN 2319-2410	Nat.		design and development of lpg gas leakage detection and controlling system request pdf (researchgate.net)
23.	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,	Referred	ISSN 2319-2410	Nat.		deployment of wireless sensor network for efficient irrigation request pdf (researchgate.net)
24.	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,	Referred	ISSN 2319-2410	Nat.		quality assessment of onions using electronic nose: system development and detection request pdf (researchgate.net)
25.	S.K. Shinde, T. H. Mujawar, V.B. Bachuwar,	“An Agricultural Environment Monitoring: A Wireless Sensor	Proceedings of National Conference on Energy and Environment (NC2E-2014).	Referred	ISBN 978-93-5174-783-3	Nat.		(PDF) An Agricultural Environment Monitoring: A Wireless Sensor

	L.P. Deshmukh & A.D. Shaligram,	Network and Web Server approach”,						Network and Web Server approach (researchgate.net)
26.	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	Referred	e-ISSN: 2581-849X		Int.	(PDF) A labVIEW based system for sorting of ripening stages of banana (researchgate.net)
27.	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	Referred	ISBN 978-93-5174-783-3,		Nat.	(PDF) Development of Wireless Sensor Network for Hazardous Gas Leakage Detection (researchgate.net)
28.	V.A. Chaudhari, P.Girgaon, P.Sutar, P D.Rupanwa T.H. Mujawar,	“IoT based Object Sorting and portable skin tone meter System”,	Advanced Materials Science (Under Review).	Referred	--		Int.	---

BOOK PUBLICATION

Sr. No.	Name of Authors.	Publication	Title of the book	Year of publication	ISBN / ISSN No.	Level (Int. / Nat. / State. / Local)
1	2	3	4	5	6	7
1	Dr.T.H. Mujawar, Prof.L.P. Deshmukh	LAP LAMBERT Academic	Wireless Sensor Network for Smart Protection	2016	ISBN: 978-3-659-97257-7	Int.

		Publishing, Germany.	against Gas Leakage			
2.	Dr.T.H. Mujawar, Prof.L.P. Deshmukh	LAP LAMBERT Academic Publishing, Germany.	A novel approach for online air quality monitoring system using WSN	2018	ISBN: 978-3-659- 97257-7	Int.
3.	Dr.T.H. Mujawar, Dr.J.S. Dargad	LAP LAMBERT Academic Publishing, Germany	IoT and It's Role in Creating Smart Cities	2023	ISBN: 978-3-659- 97257-7	Int.

BOOK CHAPTER PUBLICATION

Sr. No.	Name of Authors.	Title of Chapter	Year of publication	ISBN / ISSN No.	Level (Int. / Nat. / State. / Local)
1	2	3	4	5	6
1.	Dr.T.H. Mujawar	Smart Environment Monitoring System using Wired and Wireless Network: A comparative study	2019	978-1-78985- 280- 6	Int.
2.	Dr.T.H. Mujawar, Prof.L.P. Deshmukh, Prof.P. Prabhakar	Design and Development of Air Quality Monitoring System for Solapur City Using Smart Technologies: WSN and IoT	2021	978-1-83962- 547- 3	Int.
3.	Dr.T.H. Mujawar	IoT based Object Sorting and portable skin tone meter system	2019	97-1-387- 42404-7.	Int.

CONFERENCE / WORKSHOP / SEMINAR ATTENDED

Sr. No	Title of Paper	Author of Paper	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)	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	M.S. Kasbe, T.H.Mujawar, S.S.Mule,	NITET, A.G. PATIL institute of technology, Solapur, 2016	11-12, March, 2016

	determine the quality of food (Oral)	L.P. Deshmukh and A.D.Shaligram		
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 ISESD 2016),	L.P.Deshmukh, M.S.Kasbe, T.H.Mujawar, , S.S.Mule, A.D.Shaligram	Bandung Indonesia	26-27 Nov, 2016
15.	Participated	T.H.Mujawar	Indian Patenting and Filling Procedures at Solapur university, Solapur	25th August, 2016.
16.	Participated	T.H.Mujawar	Revised Accreditation Framework of NAAC at P.A.H Solapur University, Solapur	22nd 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,	3rd 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	3rd 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	25th – 27th 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	4th 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	22nd March 2021

27.	IoT based Object Sorting and portable skin tone meter System (Oral)	V.A. Chaudhari, 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

ORIENTATION AND REFRESHER COURSE

1. FIP-**Guru Dakshata** with A+ grade at Jai Narain Vyas, University Jodhpur-342001, Rajasthan from 11/09/2023 to 20/10/2023 in online mode.

TECHNOLOGY TRANSFER (USE OF ICT)

1. Use of Smart Boards, Google Classrooms, PPT etc.

FACULTY DEVELOPMENT PROGRAM ATTENDED

1. 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.
2. Attended faculty Development Program on “Workshop on Women Leadership: Phase 1” from December 16 to 20, 2022 organized by PAHSUS and MSFDA.
3. Contributed as a resource person in the Faculty Development Program organized by department of electronics, YCIS, Satara on 20/08/2021.
4. Three days FDP on “Innovations in Teaching” organized by Dayanand Law College, Latur from 26th January to 28th January, 2024.
5. Contributed as a committee member in the FDP on “Student Guidance, Counselling and Soft Skill Development” organized by Dayanand Science College, Latur from 18th -23rd December, 2023.

INVITED AS RESOURCE PERSON / INVITED TALKS

INVITED TALKS:

1. 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.
2. Delivered an Interview on “**All India Radio-Solapur**” in Yuvawani Program on 13 November, 2020.
3. Contributed a four session on “**Vigyanam Lokhitay**” science awareness program produced by Prasar Bharati, All India Radio- Solapur on 20/10/2022.

RESOURCE PERSON:

1. Contributed as a resource person in the one-day workshop organized by department of electronics, Sangmeshwar College, Solapur on 30/01/2015.
2. Contributed as a resource person in the one-day workshop organized by department of electronics, DBF College, Solapur on 08/02/2015.
3. Contributed as a resource person in the one-day workshop organized by department of electronics, Sangmeshwar College, Solapur on 29/12/2017.
4. Contributed as a resource person in the online guest lecture series organized by department of electronics, Shri. Shivaji Mahavidyalaya, Barshi on 11/04/2022.
5. 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.
6. 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.
7. 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.
8. Delivered a Guest lecture on “Mobile Communication” in V.P Polytechnique College, Indapur on 16-09-2011.
9. Delivered a Guest lecture on “Basics of 8051 microcontroller” in V.PPolytechnique College, Indapur on 13-02-2012.
10. 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.
11. Contributed as a resource person in the one-day SET/NET Guidance workshop organized by department of electronics, Solapur University, Solapur in August-2023.
12. Contributed as a resource person in the one-day SET/NET Guidance workshop organized by department of electronics, Solapur University, Solapur in March-2024.

AWARDS AND ACHIEVEMENTS

AWARDS:

1. Got ranking in **World Scientist and University Rankings** 2023 indexed by AD Scientific Index, Stanford University, Stanford.
2. **“Global Eminent Scientist Award”** For Research Excellence in Electronic Science awarded by Vij Trust, Thirunindravur, Tamilnadu on 26th June, 2021.
3. **“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.
4. **“Rashtramata Jijau Vidnyan Bhushan Puraskar-2021”** awarded by Marathta Seva Sangh on 24th Jan. 2021 at Osmanabad.
5. **“Late Shantaram Narayan Waigankar Paritoshik”** for securing highest number of marks in the subject of Electronics at M.Sc examination held in April 2010.
6. **“Shivaji University Merit Scholarship”** for meritorious performance in the subject of Electronics at M.Sc –I examination held in April 2010

ACHIEVEMENTS:

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

3. 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.
4. 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.
5. 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.

ADMINISTRATIVE TASK DONE

1. SET/NET Cell Co-Ordinator at Dayanand Science College, Latur for 2023-24.
2. IIC Committee member for 2023-24 at Dayanand Science College, Latur.
3. Research and Website Committee member for 2023-24 at Dayanand Science College, Latur.
4. Yuwati Kalyan Mandal Committee member for 2023-24 at Dayanand Science College, Latur.
5. IIC Mentor-Mentee Cell Co-Ordinator for 2023-24 at Dayanand Science College, Latur.
6. Worked as a workshop co-coordinator for three days science academies lecture workshop organized by dscl in collaboration with IASC, Bangalore.
7. Worked as a Co-Ordinator of NAAC for Criteria –III of School of Physical Sciences, P.A.H. Solapur University, Solapur
8. Worked as a committee member of Women Cell at Punyashlok Ahilyadevi Holkar Solapur University, Solapur on June 7, 2022.
9. Worked as a Mentor (Research Training) for M.Sc Electronics Students of YCIS, Satara from 2021 to 2022.
10. Students guided during doctoral courses (Total number): 40
11. Acted as Mentor for SWAYAM MOOCS Activity at School of Physical Sciences, Solapur University, Solapur in 2018.
12. 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.
13. Acted as a staff member for smooth conduct of “MISSION SAHASI” programme organized by Solapur University, Solapur for self-defense of ladies.
14. Acted as a staff member and committee member for “YUVA SPANDAN” activity organized by Solapur University, Solapur on 4-5 Jan., 2018.
15. 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.
16. 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.
17. 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.
18. Active member of Workshop on “Latest Trends in Fundamental Research” held in the year 2014-15 by Solapur University, Solapur.
19. 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.
20. 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.

OTHER CO-CURRICULAR ACTIVITIES.

CONFERENCE ORGANIZED:

1. 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:

1. Worked as a Reviewer of Materials Today: Proceedings, Special issue on ICMES 2018.
2. Worked as a Reviewer of 2023 8th Asia Conference on Power and Electrical Engineering (ACPEE 2023), Tianjin, China | April 14 to 16, 2023
3. Worked as a Reviewer of Indo-Taiwan IEEE Sponsored International Conference on Computing, Analytics and Networks (ICAN2020)!
4. 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.
5. Reviewed a Book Chapter submitted to the Intech Open publisher, UK, London on October 11th 2022.
6. 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

MEMBER OF PROFESSIONAL BODIES:

Life member ship of Society for Promotion of Excellence in Electronics Discipline (SPEED), 2014

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 till date.

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.

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