

RESUME

HEMANT TUKARAM INGALE.

(Vidwan ID – 113528, ORCID ID- 0000-0003-2464-3353, ResearcherID : AAB-5829-2020)

DEAN (ACADEMICS) &
HEAD OF THE DEPARTMENT,
DEPARTMENT OF E&TC ENGG,
GODAVARI FOUNDATION'S GODAVARI COLLEGE OF ENGINEERING, JALGAON

Personal Information :

Full Name : HEMANT TUKARAM INGALE
Address : B-8, B Wing, Mandar Appartment, Sharada Nagar, BHUSAWAL,
Dist - Jalgaon – 425201. Maharashtra.
Mobile Number : 9730475913, 7020074406
E-Mail Address : hetui@rediffmail.com
Specialization : ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING

Educational Qualifications :

Sr. No.	Qualification	Name of Board / University	Grade / Marks / Division
1	Ph. D (PERSUING)	NORTH MAHARASHTRA UNIVERSITY, JALGAON	--
2	M.E [DIGITAL ELECTRONICS]	SHREE SANT GADGEBABA AMARAVATI UNIVERSITY, AMRAVATI	FIRST
3	B.E.(ELECTRONICS AND TELECOMMUNICATION ENGINEERING)	NORTH MAHARASHTRA UNIVERSITY, JALGAON	FIRST

Details of Conference / Symposium / Workshop Attended :

Sr. No.	Title of Conference / Symposium / Workshop	Level	Place	Period
01	Faculty Development Program on " Industry 4.0"	National	Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, Nashik.	20 -22 May 2021.
02	TEQIP III sponsored National Level Programme on 'Reforms in Technical Education: Perspective of National Education Policy'	National	Sardar Patel College of Engineering, Mumbai and REC, Rewa	4- 6 March 2021
03	FDP on "Deep Learning Techniques for Image, Audio , Video Processing"	National	K. J. Somaiya Institute of Engineering and Information Technology Sion, Mumbai	21-23 Jan 2021
04	Seminar on "NAAC Accreditation and Assessment Process"	National	KCE's COE&T, Jalgaon	7 Jan 2021
05	Workshop on "Train the Trainers for Examination Reforms"	National	BVB College of Engg, Hubballi	04 – 07 Dec 2020
06	AICTE - ISTE sponsored Online Induction / Refresher Program on "Machine Learning and Pattern Recognition (Phase-II)"	National	SSBT's College of Engineering & Technology, Bambhori, Jalgaon	07- 12 Nov. 2020
07	International Web Conference on "Redefining Education for Sustainable Future"	International	The Bhopal School of Social Sciences, Bhopal	7 - 8 Nov 2020.
08	AICTE - ISTE sponsored Online Induction / Refresher Program on "Machine Learning and Pattern Recognition (Phase-I)"	National	SSBT's College of Engineering & Technology, Bambhori, Jalgaon	02-07 Nov 2020
09	Webinar on	National	AISSMS College	26 Oct 2020

	"Design Thinking for Entrepreneurs"		of Engineering, Pune	
10	AICTE Sponsored One Week STTP on " Long Range (LoRa) Wireless Area Networks: A Futuristic Approach "	National	K S R INSTITUTE FOR ENGG AND TECH, Tiruchengode, Tamil Nadu	19-24 Oct 2020.
11	webinar on "How to Create Digital Content for Academic"	University	Godavari College of Engg, Jalgaon	28th July 2020
12	Short Term Training Programme on INTRODUCTION TO BIG DATA ANALYTICS AND DEEP LEARNING	State	Prof Ram Meghe College of Engineering and Management, Badnera Amravati,	13 – 18 July 2020
13	FDP on "Exploring the Nuances of Deep Learning for Research Applications- A Deeper Experience"	National	Karunya Institute of Tech & Science, Coimbtore	13 – 17 July 2020
14	Online Quiz Competition on "Robotics"	State	Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal	11-15 July 2020
15	FDP on "World of Cyber Physical Systems and Future Robotics of Industry: COBOTICS"	International	R.C.Patel Institute of Technolgy, Shirpur.	11-12 July 2020
16	Webinar on " Object Recognition Yolo/MobileNet/Cloud"	National	Khalasa College For Women. Ludhiana	10 July 2020
17	FDP on "Image Processing and Computer Vision-Industrial Scope"	National	Malineni Lakshmaiah Women's Engineering College, Guntur	8-12 July 2020.
18	FDP on "G-Suiet and Allied Tools in Education, Teaching and e-content Development"	National	PG Dept of Computer Science and Engg, SGBAU, Amaravati	29 June 2020 to 04 July 2020

19	Workshop on "E-Learning"	National	Smt. Sushiladevi Deshmukh Senior College, Latur	27 June 2020
20	Faculty Development Program on "INTERNET OF THINGS"	National	VIKAS College of Engineering and Technology, Vijaywada	27-06-2020 to 10-07-2020.
21	Webinar on How to Conduct Virtual Labs	State	AISSMS Inst of information Tech, Pune	24 June 2020.
22	Webinar on "How to write and Publish 50000+ Research and Conference Papers Effectively and Efficiently using TYPESET Research Studio	National	Rajarambapu Institute of Technology, Islampur	22 June 2020
23	Seminar on "Outcome Based Education (OBE)"	National	IETE Navi Mumbai Centre	19th to 20th June 2020
24	webinar on "Effective Teaching Learning Strategies for Improved Learning Outcomes"	State	Pimpri Chinchwad College of Engineering, Pune	17 June 2020
25	Workshop on "BLOCK CHAIN TECHNOLOGY"	National	Keshav Memorial Institute Of Technology, Hyderabad.	12-13 June 2020
26	FDP on "Artificial Intelligence in Healthcare"	State	R.C.Patel Institute of Technolgy, Shirpur.	10-11 June 2020
27	Quiz- [E-Learning Skill Enhancement]	National	University of Technology, Jaipur	05 June 2020
28	Webinar on "WRITING EFFECTIVE RESEARCH PAPER"	National	Sir M. Visvesaraya Institute of Technolgy, Banguluru	30-May-2020
29	Online Quiz Program in "Artificial Intelligence" on	State	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	28 May 2020

30	Online Workshop on Role of Statistics in Artificial Intelligence and Machine Learning	State	Shri Shivaji Science College, Amaravati	27 May 2020
31	Faculty Development Program on Signal, Image & Video Processing: A Practical Approach	State	GOVERNMENT COLLEGE OF ENGINEERING, KARAD	26-30 May 2020
32	Faculty Development Program on Artificial Intelligence	State	BHARATI VIDYAPEETH COLLEGE OF ENGINEERING, Navi Mumbai	22-26 May 2020
33	Staff Development Programme on "Linux"	State	PIMPRI CHINCHWAD COLLEGE OF ENGINEERING	18-25 May 2020
34	Faculty Development Program on "Research Methodology: Tools and Techniques"	National	IILM College of Engineering & Technology,	18-22 May 2020
35	Online Quiz-[Social Awareness COVID-19]	National	University College of Engineering, Vizianagaram	17 May 2020
36	FDp on "Machine Learning and Deep Learning Applications in Engineering and Science"	National	Government College of Engineering, Karad	16 - 20 May 2020
37	Awareness Program on NBA to keep in touch with NBA Accreditation	National	PACE Institute of Technology and Sciences, Ongole	16 May 2020
38	Awareness Program on Intellectual Property Rights	State	Shri Chhatrapati Shivajiraje College of Engineering	15 May 2020
39	Faculty Program-[NBA]	State	Bharati Vidyapeeth College Of Engineering, Navi Mumbai	15 May 2020
40	Online Quiz-[COVID-19 Awareness Program]	State	Vishwakarma Institute of	15 May 2020

			Information Technology, Pune	
41	Workshop- [Manuscript Preparation using Overleaf]	National	LaTeX	13 May 2020
42	Faculty Development Program on "Research Methodology and Tools"	State	Sandip Institute of Technology and Research Centre, Nashik	11-15 May 2020
43	Faculty Development Program on "OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE"	State	Government College of Engineering, Karad	11-15 May 2020
44	Faculty Development Program on "Research, Funding Projects & IPR "	State	K. C. College of Engineering & Management Studies & Research, Thane (E)	7-10 May, 2020.
45	Faculty Awareness Program on Accreditation and Outcome Based Education.	State	SSES, College of Engineering and Technology, Akola	7 May 2020
46	Online Contest-2020 – [Intellectual Property Rights (IPR)]	State	Pankaj Laddhad Institute of Technology & Management Studies, Buldhana	26 April 2020
47	Faculty Awareness Program-[Accreditation and Outcome Based Education.]	State	SSES, College of Engineering and Technology, Akola	07 April 2020
48	SOCIAL AWARENESS CAMPAIGN – [COVID-19]	State	AISSMS Institute of Information and Technology, Pune	05 March 2020
49	FDP on "Fundamentals of Signal Processing"	State	DBATU, Lonere and SSGB COE&T, Bhusawal	05 Jan. 2020

50	ATAL FDP on “Artificial Intellegence”	National	Dr. Babasaheb Ambedkar Technological University, Lonere.	02-12 Dec 2019
51	Workshop on “Patenting & IPR awareness of Invention and Innovation”	State	Godavari College of Engg, Jalgaon	28, 29 Nov 2019
52	Workshop- [User Awareness Program- SPRINGERNATURE]	University	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	25 Sept 2018
53	Workshop- [Paper-I : Research Methodology]	University	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	16-21 July 2018
54	Workshop- [Enhancing Quality of Technical Education: Issues and Challenges]	National	DTE, Maharashtra & AICTE, New Delhi	21 Feb 2018
55	Workshop- [Pedagogy & Use of ICT in Classroom]	State	GF’s G. C. O.E, Jalgaon	20-21 Jan 2018
56	Workshop- [aiming for Excellence: Pathways to Institutional Advancement through Research]	National	AICTE, New Delhi	01 Nov 2017
57	Workshop- [Curriculum Development and Paper Setting]	Regional	Government College of Engg, Jalgaon	29 March 2017
58	Workshop- [CMOS Design using MICROWIND]	National	NDMVP’s KBGTCOE, Nashik	17-18 Feb 2017
59	Workshop- [CMOS, Mixed Signal and Radio frequency VLSI Design]	National	SSGBCOET, Bhusawal	26/12/16 To 4/2/17
60	Workshop- [Signal & Systems]	National	SSGBCOET, Bhusawal	02-12 Jan 2014
61	Workshop- [Faculty Enablement Program]	National	Globerena	29-30 Nov 2012
62	Workshop - [MATLAB& Simulink in Engineering Education]	National	Mumbai	07 Sept2012

63	STTP - [Teaching-Learning Process in Engineering & Technology]	National	Godavari College of Engg. Jalgaon	09 - 11 Nov 2011
64	Workshop - [Virtual DSP Lab]	National	RCPIT Shirpur	15 - 16 Oct 2011
65	Workshop - [Intellectual Property and Innovation Management in Knowledge Era]	National	J T M C O E Faizpur	12-13 April 2010
66	Workshop - [Computer Networking using Linux]	National	Godavari College of Engg, Jalgaon.	17-20 March 2010
67	Workshop - [Mission 10X Faculty Empowerment Workshop]	National	Godavari College of Engg, Jalgaon.	08-12 March 2010
68	Workshop - [PCB Designing and Manufacturing]	National	Godavari College of Engg, Jalgaon.	02 March 2010
69	Workshop - [MATLAB]	National	NITTTR, Chandigarh	03-08 August 2009
70	Workshop - [DSP & Communications]	National	SSBT COET Bambhori	28-02 March 2009
71	Workshop - [Entrepreneurship Development]	National	MITCON, Jalgaon.	05-17 Nov 2008
72	Workshop - [DSP&P]	National	SSVPS COE, Dhule	17 July 2008
73	Workshop - [CMOS VLSI : Digital IC Design]	National	YCCE Nagpur	23-27 June 2008
74	Conference - [NATCON 2011]	National	Godavari College of Engg, Jalgaon.	20-Feb-2011
75	Conference - [URJA 2011]	National	Godavari College of Engg, Jalgaon.	18 March 2011
76	Conference - [ICERA 2012]	International	Godavari College of Engg, Jalgaon	01-02 March 2012
77	Conference - [Emerging trends in Wireless Communication]	National	Pravara Rural Engg College, Loni	20-21 June 2008
78	Workshop - [PSPICE]	National	SGDCOE Jalgaon	17-18 Feb

				2008
79	Workshop - [DSP : Fundamentals, Advances, Applications]	National	SVMCOE Chincholi	12-13 Jan 2008
80	Workshop - [Advanced Digital Signal Processing]	National	Sinhgad COE, Pune	03-13 Dec 2007
81	Workshop - [Advanced Technologies in Embedded Systems]	National	Godavari College of Engg, Jalgaon.	06-12 Sept 2007
82	Workshop - [FEEL Teacher]	National	North Maharashtra University, Jalgaon	26-28 Oct 2007
83	Workshop - [Advance Communication, Embedded Systems, Image Processing & VLSI]	National	SSVPS COE, Dhule.	26-28 July 2007
84	Workshop - [Effective Teaching & knowledge Management]	National	LNCT Bhopal	13-25 June 2005
85	Seminar - [Emerging Trends In Technology]	National	International Institute of Information Technology, Pune	17 Jan 2005
86	Workshop - [Application of DSP using MATLAB]	National	JTMCOE Faizpur	11-12 Sept 2004
87	Workshop - [Development of Basic Teaching Competencies in Technical teachers]	National	VJTI Mumbai	02-13 August 2004

Courses Completed :

Sr. No.	Course Title	Organization	Duration
01	Python3 Tutorial Course	Solo-Learn	25 April 2020
02	Python 3.4.3	Spoken Tutorial Project, IIT Bombay	30 April 2020

Details of Conference / Symposium / Workshop Organized :

Sr. No.	Title of Conference / Symposium / Workshop	Level	Place	Period
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1	Convener - National Conference NATCON-2011	National	Godavari College of Engg, Jalgaon.	20 Feb 2011
2	Convener – ‘TECHXITEMENT 2004’	University	Godavari College of Engg, Jalgaon	15 Sept 2004

Paper Presentation Details :

Sr. No.	Title of Paper	Level	Place	Period
1	Pre-processing Techniques for crowd image analysis	International	SSBT's COET BAMBHORI	29-30 Jan 2021
2	lot capable mechanism for crowd analysis	International	MGM COE Nanded	10 Jan 2020
3	Solar Parameter Simulation	National	Godavari College of Engg Jalgaon	20 March 2018
4	Literature Survey on Robotics in medical field	National	Godavari College of Engg Jalgaon	20 March 2018
5	Literature Survey of Industrial Monitoring	National	Godavari College of Engg Jalgaon	20 March 2018
6	Intelligent Medicine Tray for ICU in hospitals	National	Godavari College of Engg Jalgaon	20 March 2018
7	Girls Hostel In/Out Monitoring System with Server	National	Godavari College of Engg, Jalgaon	21 March, 2017
8	A Survey of Automated Irrigation Systems	National	Godavari College of Engg, Jalgaon	21 March, 2017
9	Comprehensive Survey on Transport Management with Intelligent System	National	Godavari College of Engg, Jalgaon	21 March, 2017
10	RFID Based Electrical Supervisor – A Review	National	Godavari College of	21 March, 2017

			Engg,Jalgaon	
11	Android App based Courier vehicle Tracking and Alcohol Detection	National	Godavari College of Engg,Jalgaon.	21 March, 2017
12	REMOTE SENSING AND CONTROL OF AN IRRIGATION SYSTEM USING WIRELESS SENSOR	National	Biyani College, Amravati	09 February 2013
13	Automated Solar based Irrigation System	International	Godavari College of Engg,Jalgaon.	01-02 March 2012
14	ANN for Numeral Recognition using Hamming Network	International	Godavari College of Engg,Jalgaon.	01-02 March 2012
15	Renewable Energy Scenario in India	National	Godavari College of Engg,Jalgaon.	18 March 2011
16	Pattern Recognition- Introduction	National	Godavari College of Engg,Jalgaon.	20 Feb 2011
17	Digital Signal Processors in Telecommunications	National	JD COE Nagpur	09-10 Feb 2010
18	Simplified Channel Estimation for OFDM Systems with multiple transmit antennas	National	JTM COE Faizpur	20-21 Nov 2006

Details of Publications (Paper / Books / Articles / Monographs / Book Chapters) :

Sr. No.	Title of Paper	Publication	Author (s) / Editor (s)	Level and Date
1	Contemporary Techniques of Crowd Density Estimation	Zeichen Journal, Volume 6, Issue 5, 2020, ISSN No: 0932-4747, Page No:99	Hemant. T. Ingale, Anil. J. Patil	International - [27-May-2020]
2	Literature Survey of lot Capabled Crowd Analysis Using Raspberry Pi-3	International Journal of Innovations in Engineering and Science, Vol 4, No.10,2019	Kanchan Mangrule, H. T. Ingale, Vijay D. Chaudhari, Dr. A. J. Patil.	International - [2019]

3	<i>A Survey on Implementation of E-Health Record With Biometric Authentication</i>	International Journal of Innovations in Engineering and Science, Vol 4, No.10,2019	Roshani Ashok Sonar, H. V. Dhande, Hemant Ingale, A. D. Vishwakarma, V. D. Chaudhari	International - [2019]
4	<i>A Review on IoT Based Air Monitoring System</i>	International Journal of Innovations in Engineering and Science, Vol 4, No.10,2019	Chetan N. Badgujar, Paresh S. Patil, Kumudini Gawande, S. K. Chaudhari, H. T. Ingale	International - [2019]
5	<i>Smart Attendance System and Path Follower Mechanism with Monitoring</i>	IJIES, International Journal of innovations in Engg & Science, Volume 3, Nov 8,2018	Harshal S. Patil, Ishwar S. Jadhav, Chaudhari Vijay D, Ingale Hemant T.	01 August 2018
6	<i>RFID Based Electrical Supervisor</i>	Asian Journal of Science and Technology, Vol08, Issue 08, pp 5262-5265	Lalit P Bari, Vijay D Chaudhari, H.T.Ingale	August 2017
7	<i>Neuro Fuzzy based lever disease classification</i>	IJARIE, International Journal of Advanced Research & Innovative Ideas in Education, Vol 03, Issu 03	Hemlata Vaidya, S.K.Chaudhari, H.T.ingale	International- [01-04-2017]
8	<i>Literature review on lever disease classification</i>	IJARIE, International Journal of Advanced Research & Innovative Ideas in Education, Vol 03, Issu 03	Hemlata Vaidya, S.K.Chaudhari, H.T.ingale	International- [01-03-2017]
9	<i>Image Localisation using Google maps</i>	IJESRT, International Journal of Engg Sciences &	S.D.Lawange, A.D.Vishwalarma, H.T.Ingale, V.D.Chaudhari	International – [01-07-2017]

		Research Technology, pp 423-426		
10	Result paper for learning based presentation slides generation and IEEE format creation for academic papers	IJARIE, Vol 03, Issue 04, pp 1413-1425	PritiPatil, R. V. Patil, H. T. Ingale	International- [01-04-2017]
11	Literature Review on Solar Wiring System	I J I R S E T	Nilesh Patel, DeepaliSananse, Priyanka Bore, QuaziJawwad Khan, H T Ingale, S.K.Chaudhari.	International – [01-05-2017]
12	2D IMAGE PROCESSING FOR DELTA PARALLEL MANIPULATOR ROBOT	IJSETR, international Journal of Science, Engg & Technology Research, Vol 03, Issue 03, pp 478-481	Mahesh Patil , YogeshMusale , JitendraPatil , SmitaChaudhari, Hemant Ingale	International - [01-03-2014]
13	RF-ID Based Touch Screen Museum Guide System	IJES, International Journal of Engg & Science, Vol 03, Issue 06, pp 27-31	Mr.L.R.Patil, Mr.H.T.Ingale, Dr.K.P.Rane, Mrs.S.K.Chaudhari	International - [10-06-2014]
14	GSM based Remote Sensing and Control of an Irrigation System using WSN: a Survey	IJIRSET, International Journal of Innovative Research in Science, Engineering and Technology	Nilesh S. Bhaltadak , Hemant T. Ingale , S.K. Chaudhari	International - [01-06-2015]
15	Image Compression Using Wavelets	IJIRD, International Journal of Innovative Research and Development From 871 To 881	Smita K Chaudhari, RathiChandresh, Pratik Patel, Hemant Ingale, Viral Patel	International - [01-04-2013]

16	Automated Solar Based Agriculture Pumping	IJARCSSE, International Journal of advanced Research in Computer Science and Software Engineering From 407 To 410	Hemant Ingale, N.N.Kasat	International - [15-11-2012]
17	Automated Irrigation System	IJERD, International journal of Engineering Research and Development From 51 To 54	H.T.Ingale, N.N.Kasat	International - [15-11-2012]
18	Novel Approach of Hybrid Switching System using Combined SPC & VLSI	Academy Publisher, International Journal of recent trends in engineering, Vol 2, No. 5 1797-9617 From 303 To 310	Smita K Chaudhari, Hemant T Ingale, K. P. Rane	International - [25-11-2009]

Details as Reviewer or Editor:

1	[Reviewer] International Journal of Electronics and Electrical Engineering	IJEEE	International - [26-05-2013]
2	[Editor] AR Research Publication and Conference World	Conference World	International - [2017-2020]

- ❖ **Life member of ISTE. (Indian Society for Technical Education) (LM46504)**
- ❖ **Member of IAENG. (International Association of Engineers) (Membership Number: 112550)**

Experience Details :

Sr. No.	Name of Employer	Designation	Nature of Post	Duration
1	Godavari College of Engg, Jalgaon.	Dean (Academics)	Regular	25 May 2021 to till date
2	Godavari College of Engg, Jalgaon.	Head of Department	Regular	08-03-2017 to till date
3	Godavari College of Engg, Jalgaon.	Assistant Professor	Regular	13-06-2013 to till date
4	Godavari College of Engg, Jalgaon.	Lecturer	Regular (Approved from 09-06-2009)	01-08-2003 12-06-2013
5	Koltron Logics, Jalgaon	Lecturer	Regular	01-01-2001 - 31-07-2003

Responsibilities Held:

- Working as **Academic Dean** of the college.
- Additional responsibility of **NISP Co-ordinator** of the College.
- Presided as the **Session Chair** for International Conference in Recent Trends & Research in Engg & Science 2016 at Padmashree Dr. V.B. Kolate C.O. E, Malakapur on 28 Feb 2016.
- Worked as **Judge** for National Level Paper presentation Competition in TECHCELLENCE 2012 at SSGBCOE&T, Bhusawal on 3 March 2012.
- Worked as **Judge** for National Level Paper presentation Competition in TECHZEALOT 2011 at SSGBCOE&T, Bhusawal on 27 Sept 2011.
- Worked as **Judge** for National Level Paper presentation Competition in TECHZEALOT 2010 at SSGBCOE&T, Bhusawal on 24 Sept 2010.
- Effectively worked as the **Training and Placement Officer** of the college for some tenure.

- Worked as **Co-ordinator of NACC** Committee of College. (College got accredited with B Grade)
- Worked as Session Co-ordinator in International Conference of Engineering Research and Applications at Godavari College of Engineering, Jalgaon
- Successfully organised and conducted various in-house Programs in college.
- Worked for **Curriculum development** for first year and second year Electronics and Telecommunication Engineering as directed by NMU, Jalgaon.
- Served as **Chairman, board of paper setters, and member board of paper setters** for Electronics & Telecommunication, Electrical Engineering for subjects assigned by the North Maharashtra University Jalgaon.
- Rendered services as an **Examiner** to the North Maharashtra University Jalgaon and Dr. Babasaheb Ambedkar Technological University, Lonere.
- Represented Godavari College of Engineering, Jalgaon as **Management representative** before the Director, Directorate of Technical education, Govt. of Maharashtra and to the Regional Officer, All India Council of Technical Education, New Delhi during the course of increase/decrease in intake, introducing new course in the institution and Extension of Approval process. (10 Oct 2017)
- Play an important role in the centralized **admission process** every year for the institute.
- Led from the front for all the curricular, co-curricular and extracurricular activities carried out by the institute
- Worked as Paper Setter for various Subjects at University Level.

Hemant T. Ingale

