Resume

Name: -   **Dandgavhal Harshal Narayan**
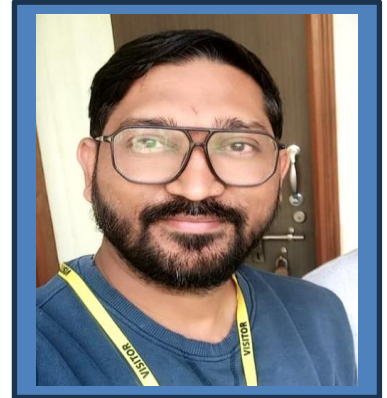**Designation: -** Assistant Professor

Department: - Computer Science
Qualification: -M. Sc , NET, SET, Ph.D. Pursuing in Electronics Science.
Contact No: - +91-7743881325,
Desk Phone No:-0253 2555122

Email-id:- hndandgavhal@kkwagh.edu.in

Education: - **M.Sc. NET SET , Ph.D. Pursuing in Electronics Science.**

Degree –

 M.Sc. [Electronic Science] At K.T.H.M. College Nashik First class With Distinction.

 B.Sc. [Electronic Science] At K.T.H.M. College Nashik First class With Distinction.

Research Work:

Sr. No.	Project Title	Guide	Year
1.	**Modeling the Interactions of Microwave Backscattering Mechanism in Earth's Surface using Synthetic Aperture Radar Datasets**	Dr. U. P. Shinde	Ph.D. Pursuing
2.	**Design and development of an alphanumeric scrolling display using 89v51RD2fn based 5 weather parameters alphanumeric display.**	Dr. V. S. Kale	MSc. Electronics 2011
3.	**Remote controller automatics switch.**	Dr. V. S. Kale	TY BSc. Electronic 2009

Sr. No	Patent on	Date
1	Pesticide Detection Device Design No:-411352-001	**16/05/2024**

Sr. No	Practical Handbook	ISSN
1	S. Y. B. Sc BBt 310 Practical in Bioanalytical Technique & Metabolism	**2582-967X**

Sr. No	Training Program	Duration
1	Special Training Course on SAR Remote Sensing Technologies & its application **at Indian Institute of Remote Sensing, ISRO, Dehradun**	**7th Oct to 25th Oct 2024**
2	*Advanced SAR Technologies and Applications* Organized by: Indian Space Research Organization (ISRO) & European Space Agency (ESA) **Venue: National Remote Sensing Centre (NRSC), Hyderabad**	**December 2nd to December 13th, 2024**

Professional Experience: -

Sr. No.	Department	Designation	Types of work	Period
Teaching Experience:				
1.	Computer Science	Assistant Professor	Teaching (FY, SY, TY)	13 years
2.	Science	Assistant Professor	Teaching (FY, SY)	10 years
3.	Computer Science	Paper Setter	Paper setting (FY, SY)	8 years
4.	Computer Science	Examiner	Paper checking (FY and SY)	8 years
5.	Computer Science	Moderator	Paper checking (FY and SY)	4 years
6.	Computer Science	Guide	Guided Vasim Shaikh for the topic Deaf people can feel music Introducing Sound Beat Hearing System	6 months
7.	Anvenshen Competition	Guide	Guided two students who entered state level	2 months
8.	Practical Examination	External examiner	S. Y. B. Sc Electronic Science Practical examined	1 day
Committee Member and Administrative Experience:				
10.	Admission Committee	Member	Counseling students for admission,	13 years
11.	BIHISHAL	Coordinator	Lecture series for senior citizens for awareness was conducted at the college level.	3 years

12.	T & P	Committee Member	Preparing students to deal with the interview- a training program.	8 years
13.	NAAC Committee	Criteria Coordinator	Criteria 3 – Research, innovation, and extension	7 years
14.	Gathering	In charge	Smooth conduction of annual social gatherings.	3 years
15.	Incubation	Coordinator	Played important role in establishing this cell, conducted competition i2e.	1 month
16.	Annual report of the university	In charge	Data maintenance of college and staff profile	5 years
17.	ARC	Academic Research Coordinator	Plans, implements, and maintains data collection and analysis systems in support of research protocol; coordination of the collection and analysis of research data.	6 years
18.	MIS	In charge	Data maintained of college and staff profile	10 years
19.	AISHE Portal	In charge	Data maintained of college and staff profile; uploading data early	10 years
20.	BCUD profile	In charge	Updating of college and staff profile	8 years
21.	Networking	In charge	Designing telephone network, intercom system, managing CCTV, LAN network	8 years
22.	Avishkar Competition	Avishkar Co-Ordinator	Number of projects presented at zonal level - 33	10 years
			Number of projects presented at university level - 09	
			Number of projects presented at the state level - 04	
23.	Various Programs	Committee member / In charge	Outline of program, smooth conduction of program.	5 years
24.	Various Competition	Committee member / In charge	Outline of competition, smooth conduction of competition.	5 years
25.	IQAC	Committee member	Submission of Criteria 3 data.	7 years
Extra-curricular:				
26.	Workshop	Resource person	Online workshop on NET/SET guidance.	1 day
27.	One Day Seminar	Resource person	Expert session on IOT For TYBBA CA Students	1 day
28.	Shivanand Electronics	Intern	Testing all electronic Current Conducting instruments like Tan Delta	15 days

29.	Young Resource Brigade (YRB) Foundation	Project Executive	Projects like conducting interviews, talking with eminent people, and inviting them for the same, forming Digi- school, Yoga Day special activity conduction, etc.	4 years

Published Research Paper: -

Sr. No.	Project Title	Author	ISBN	Year
1.	Design and development of an alphanumeric scrolling display using P89V51RD2FN to display weather parameters"	Dandgavhal HarshalN, & Dr V.S Kale	ISBN 978-81-928732-2-0	**2014**
2.	Mapping of flood by Sentinel-1 SAR data of Jayakwadi Dam, Paithan Tehsil Town, Aurangabad district, Maharashtra.	Harshal Dangavhala* , Dr.U.P.Shinde b , Dr.S.B.Sayyad c , Revathi Reddier	In 3rd International Conference on Intelligent System, Cognitive Science and Knowledge Engineering (ICKE2023)	**2023**
3	Application of Remote sensing Satellite for Land -Review Paper	Harshal Dandgavhal	2 Days International Conference on Innovation in Applied Science sustainable development 2023 Organized by Department of Science LVH College Panchavati on 13th and 14th March 2023	**2023**

Extra qualifications: -

1. Completed MSCIT Certification in 2005 with 88% marks.

2. Completed workshop in Embedded Systems, Controllers 8051, Aug 2010.

3. Training course on 'Microcontrollers and their interfacing complexities' jointly organized by the Department of Electronic Science, KTHM College, Nashik, and Prolific Systems and Technologies Pvt. Ltd. Mumbai, held between 26-30 August 2010.

4. BCUD SSPU sponsored State Level Workshop on IOT (Internet of Things) organized by the Department of Electronics HPT ARTS AND R.Y.K Science College, Nashik on 4Th FEB 2017.

5. Remote sensing and digital image processing of satellite data – NPTEL online course, Aug- Oct 2019.

6. Mr. Dandgavhal Harshal Narayan, Assistant Professor, K K Wagh ACS and CS College ,

Nashik has successfully participated in the 1-day workshop on "Interest Exploration for RESPOND "Organized by SAC ISRO Ahmadabad during June 11 , 2019

7. Online short-term faculty Development program on "Setting up startup Innovation cells" – 25th Sep 2021.

8. Two days training programme for "Mentors of the standard club" – 6th and 7th May 2022.

9. Two credit courses in "Research and publication ethics" – 6th June to 6th July 2022.

10. Mr. Dandgavhal Harshal Narayan, Assistant Professor, K K Wagh ACS and CS College, Nashik has successfully participated in the 3-day webinar-based training program on "Bhuvan Overview "conducted during July 12 - 14, 2023

11. S.Y.B.Sc Biotechnology Practical Handbook BBt-310 Practical in Bioanalytical Technique and Metabolism **Editor** International Journal of Microbial Science ISSN 2582 -967X 2024

Communication & Working Relationship- Active engagement with professional academic networks and societies ensures a global perspective, enriching the academic environment. These strategic alliances contribute to the university's commitment to excellence, innovation, and societal impact.

Accreditations, Raking, and Ratings: -Demonstrating proficiency in managing diverse portals such as AISHE, MIS, and RUSAA, I have successfully coordinated and communicated the accreditation, rankings, and ratings processes for various faculty members across the university. This experience reflects my adept handling of accreditation-related tasks and effective communication in a variety of administrative platforms.

I consistently cultivate and strengthen trusted relationships with academic leaders, partners, and stakeholders. Through effective collaboration, I foster a network built on trust, facilitating mutual understanding and shared goals. This approach ensures enduring partnerships that contribute to the university's academic excellence and strategic objectives.

Areas of Expertise: -

1. MATLAB, Arduino, Raspberry Pi, C language, Python, Microcontroller 8051.
2. Remote sensing satellite data processing
3. Sentinel Satellite, SNAP tool, Google Earth Data Processing.
4. Assembling, configuring, and troubleshooting personal computers.
5. Installing, configuring, and troubleshooting various hardware components.
6. Expertise in VHDL, PSpice, and Kiel software.
7. Expertise in Electronic Science.

<u>Personal Profile: -</u>

Name	**:** Harshal Narayan Dandgavhal
Date of birth	**:** 4th March 1989
Gender	**:** Male
Marital Status	**:** Single
Address	: Plot No 278 IUDP, Bhawani Chowk, Manmad-423 104
Languages Known	**:** Hindi, Marathi, and English
Hobbies	**: T**rekking, listening to music.

<u>Declaration: -</u>

I have declared that all the above information is true to the best of my knowledge.

Date:

Place:

(Harshal Narayan Dandgavhal)