CURRICULUM VITAE

Name:	Dr. Mahesh G. Huddar
Designation:	Associate Professor
Department:	Computer Science and Engineering
Specialization & Research Interests:	Computer Science and Engineering Machine Learning, Deep Learning
Email IDs (Official & Personal)	mghuddar.cse@hsit.ac.in
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2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Degree	Year	University/Board
Ph.D.	2021	VTU, Belagavi
M.Tech.	2014	VTU, Belagavi
B.E.	2008	VTU, Belagavi

3. ANY OTHER QUALIFICATION:

- Qualified Graduate Aptitude Test in Engineering (GATE) in 2010 and 2013.
- Qualified UGC National Eligibility Test (UGC-NET) for Assistant Professorship in 2017.

4. PROFESSIONAL EXPERIENCE:

Organization/Institute/University	Position Held	Duration
Hirasugar Institute of Technology, Nidasoshi	Associate. Professor	01-12-2021 to till date
Hirasugar Institute of Technology, Nidasoshi	Asst. Professor	01-08-2015 to 30-11-2021
Hirasugar Institute of Technology, Nidasoshi	Sr. Lecturer	10-10-2013 to 31-07-2015
Hirasugar Institute of Technology, Nidasoshi	Lecturer	01-08-2009 to 09-10-2013

5. ADMINISTRATIVE ASSIGNMENTS:

Position Held	Duration	Nature of Work
Dean Students Welfare	Oct-2021 – Till Now	--

6. COURSES TAUGHT:

- Machine Learning
- Artificial Intelligence
- Big Data Analytics
- Python Application Programming
- UNIX shell Programming
- Operating Systems

- Computer Graphics and Visualization
- Computer Networks
- Discrete Mathematical Structures
- Graph Theory and Combinatorics
- Software Engineering
- System Software
- Programming in C and Data Structures
- Programming the Web

7. RESEARCH SUPERVISION:

A. Ph.D.:

    i. Awarded   : ---

    ii. Submitted   : ---

    iii. Ongoing   : ---

B: M.Tech.

    i. Awarded   : ---

    ii. Submitted   : ---

    iii. Ongoing   : ---

C. BE/B.Tech Degree Oriented (Bachelor Level Dissertation):

    i. Awarded   : 17

    ii. Submitted   : --

    iii. Ongoing   : 01

8. CONTRIBUTION TO CORPORATE LIFE OF THE INSTITUTE:

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9. MEMBERSHIP OF SOCIETIES/PROFESSIONAL BODIES:

- Life time member of "Indian Society for Technical Education", with Membership ID: LM101083.

10. PUBLICATIONS:

A. BOOKS/MONOGRAPHS:

  1. Authored:

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  2. Edited:

B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

1. Research paper "Attention-based Multimodal Contextual Fusion for Sentiment and Emotion Classification using Bidirectional LSTM" published in International Journal of Multimedia Tools and Applications, Vol. 80. Issue 5. PP. 13059–13076 (2021). **(Scopus and Web of Science Indexed, SCIE)**

2. Research paper "Sentiment Analysis and Visualization of Real-Time Twitter Data" published in International Journal Sambodhi, Vol. 43, No. 02, July-Sep 2020. **(UGC Care)**

3. Research paper entitled "Attention-based Multi-modal Sentiment Analysis and Emotion Detection in Conversation using RNN" is published in International Journal of Interactive Multimedia and Artificial Intelligence, Vol. 6, No. 6, PP. 112-121 (June 2021). **(Scopus, Web of Science Indexed, SCIE)**

4. Published research paper entitled "Attention-Based Word-Level Contextual Feature Extraction and Cross-Modality Fusion for Sentiment Analysis and Emotion Classification" in International Journal of Intelligent Engineering Informatics, Vol. 8, Issue 1, 2020. **(Web of Science Indexed)**

5. Published research paper entitled "Multi-level feature optimization and multimodal contextual fusion for sentiment analysis and emotion classification", in Computational Intelligence, Vol. 36, Issue 2, pages 861-881, 2020. A Wiley Publisher in January 2020. **(Scopus and Web of Science Indexed, SCIE)**

6. Published research paper entitled "multi-level context extraction and attention-based contextual inter-modal fusion for multimodal sentiment analysis and emotion classification", in international Journal of Multimedia Information Retrieval, Vol. 9, Issue 2, Pages 103-112, 2020. **(Scopus and Web of Science Indexed)**

7. Published research paper entitled "Multimodal Emotion Recognition using Facial Expressions, Body Gestures, Speech, and Text Modalities", in International Journal of Engineering and Advanced Technology (IJEAT), Vol-8, Issue-5, June 2019. **(Scopus Indexed)**

8. Published research paper entitled "A Survey of Computational Approaches and Challenges in Multimodal Sentiment Analysis", in International Journal of Computer Sciences and Engineering, Vol-7, Issue-1, January 2019.

9. Published research paper entitled "Understanding People Opinion about Aadhaar Using Sentiment Analysis on Twitter", in Journal of Emerging Technologies and Innovative Research, August 2018.

10. Published research paper entitled "IOT streaming Applications and Challenges to achieve QoS", in Journal of Advances in Science and Technology December 2016.

11. Published research paper entitled "Adaptive Neuro-Fuzzy Inference System for the recognition of cotton leaf diseases", in IJSDR August 2016.

12. Published research paper entitled "Scalable Distributed First Story Detection Using Storm for Twitter Data", in Proc., IEEE International Conference on Advances in Engineering and Technology Research, held Virendra Swaroop Group of Institutions, Unnao, Kanpur, on August 2014. **(Scopus and Web of Science Indexed)**

13. Published research paper entitled "Survey on Big Data Analytical Tools", in "International Journal on Latest Trends in Engineering and Technology", Special IDEAS Edition, Dec 2013.

14. Published research paper entitled "Genetic Algorithm Based Fractal Image Compression", in "International Journal on Modern Engineering Research", Vol. 2, Issue. 5, Sept.-Oct. 2012 pp-3046-3050.

C. PAPERS IN CONFERENCES PROCEEDINGS:

1. Presented research paper entitled "Sentiment Analysis and Visualization of Real-Time Twitter Data", in International Conference on Recent Trends in Computer Science and Information Technology (ICRCSIT) – 2020" on 17th and 18th of June 2020.

2. Presented research paper entitled "An Ensemble Approach to Utterance Level Multimodal Sentiment Analysis", in International Conference on Computational Techniques, Electronics, and Mechanical Systems on 21st and 23rd of December 2018. **(Scopus and Web of Science Indexed)**

3. Presented and won best paper award for research paper entitled "Understanding People Opinion about Aadhaar Using Sentiment Analysis on Twitter", in International Conference on Recent Innovations in Science, Engineering and technology on 18th and 19th of May 2018.

4. Presented research paper entitled "IOT streaming Applications and Challenges to achieve QoS", in International Conference on Recent Innovations in Engineering on 8th and 9th of October 2016.

5. Presented research paper entitled "Scalable Distributed First Story Detection Using Storm for Twitter Data", in IEEE International Conference on Advances in Engineering and Technology Research, held Virendra Swaroop Group of Institutions, Unnao, Kanpur, on 01st and 02nd of August 2014. **(Scopus and Web of Science Indexed)**

6. Presented research paper entitled "Survey on Big Data Analytical Tools", in National Conference on "Innovative Development and Emerging Research Avenues in Software Technology" held at GIT, Belgaum on 11 of October 2013.

11.   Patents/Copyrights/IPR (If Any)

Title: Smart Glove for Hearing Impaired

Application No.: 202141031266 A

Publication Date: 16-07-2021

12.   INVITED TALKS:

1. Resource person for 6-Days FDP on "Recent Trends in Artificial Intelligence & Data Science" held at KLECET Chikodi during 04-04-2022 to 09-04-2022.

2. Resource person for ISTE Sponsored one Week FDP on "Machine Learning using Python" held at Ashokrao Mane Polytechnic, Vathar, Vadgoan during 21-02-2022 to 26-02-2022.

3. Given guest Lecture on "Quantitative Aptitude", in SJPN Trust's BCA on 17/07/2017.

4. Given Seminar on "Awareness Workshop Smart India Hackathon 2018" on 22nd January 2018 in Mechanical Seminar Hall.

5. Given Seminar on "Introduction to Machine Learning and Python" on 28th December 2017.

6. Given Seminar on "Awareness Workshop Smart India Hackathon 2017" on 26th Nov 2016.

7. Given guest Lecture on "Quantitative Aptitude", in SJPN Trust's BCA on 22/06/2016.

8. Given guest Lecture on "Quantitative Aptitude", in SJPN Trust's Polytechnic on 23/03/2015.

9. Given guest Lecture on "Quantitative Aptitude", in SJPN Trust's BCA on 10/12/2014.

13.   RESEARCH PROJECTS *(COMPLETED/ONGOING):*

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14.   PARTICIPATION & PRESENTATIONS IN SEMINARS /SYMPOSIA/ WORKSHOPS/ CONFERENCES:

Sl. No.	Topic	Period		Venue
		From	**To**	
1	Software Engineering and Testing Methodologies	16-03-2022	19-03-2022	HSIT, Nidasoshi
2	Python for Data Science	-	-	NPTEL Online
3	Deep Learning Tools and Applications	02-11-2020	02-11-2020	KLECET, Belagavi
4	Neural Networks and Deep Learning using Python	01-06-2020	05-06-2020	Reva, University, Bangalore
5	Artificial Intelligence and Machine Learning	29-05-2020	30-05-2020	VCE, Hyderabad
6	Two Week FDP on "Current Practice and Critical Issues for OBE in Engineering Education/Institutions"	27-01-2020	07-02-2020	BEC, Bagalkot
7	FDP on Machine Learning and Data Analytics	08-01-2020	11-01-2020	HIT, Nidasoshi
8	FDP on Internet of Things and It's Real-time Applications	28-01-2019	02-20-2019	HIT, Nidasoshi
9	FDP on Big Image Data Processing using Machine Learning algorithms	11-12-2017	16-12-2017	NIT, Warangal

10	National Level workshop on Research Methodology	11-11-2017	11-11-2017	GIT, Belagavi
11	SAR Filling and Preparedness for Assessment	15-09-2017	17-09-2017	HIT, Nidasoshi
12	FDP on Internet of Things	30-12-2016	31-12-2016	SGMCOE, Mahagaon
13	AICTE - Awareness Workshop Smart India Hackathon 2017	23-11-2016	23-11-2016	UVCE Bangalore
14	FDP on Research Methodologies	01-12-2014	05-12-2014	KLECET, Belgaum
15	Workshop - Embedded Linux Multimedia and Android Application	22-03-2013	24-03-2013	HIT, Nidasoshi
16	Opportunities of Ph.D. in NIT's by Dr. Annappa C. HOD CSE, NIT Karnataka	03-11-2012	03-11-2012	GIT, Belagavi
17	Research Avenues in Computational Forensics	10-03-2012	10-03-2012	GIT, Belagavi

15.   AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:

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16.   ANY OTHER SIGNIFICANT INFORMATION:

- Qualified UGC NET 2017 (Assistant Professorship).

- Qualified GATE 2011 and GATE 2013.

- VTU Recognized Research Supervisor

- Successfully completed SWAYAM Course on "Python for Data Science" in Dec 2020.

- Completed 4 week certification course entitled "Data Lakes for Big Data" of EMC Corporation Bangalore.

- Successfully finished IBM cognitive class "Python for data Science".

Dr. Mahesh G. Huddar