

**Personal Information:**

Name	N. Harika
Experience	Teaching: 6 Yrs
Email Id	<a href="mailto:harika.n@bvrithyderabad.edu.in">harika.n@bvrithyderabad.edu.in</a>
Area of Specialization	Machine Learning, Computer Networks



**Educational Qualifications:**

Ph.D	Pursuing	Computer Science & Engineering
PG Degree	M.Tech	Computer Science & Technology
UG Degree	B.Tech	Computer Science & Engineering

**International Journal Publications:**

1. G.L. Sravanthi, N.Harika, G.Archana, B.Sundara Leela “Machine Learning Methodology for Medical data analysis for Prediction of Risk” JCR Vol7, Issue 4, 2020 Pages 815-819, ISSN: 2394-5125

(<http://www.jcreview.com/admin/Uploads/Files/61a9f30006ce04.02548939.pdf>)

2. P.Silpa Chaitanya, N.Harika, M.Vasumathi Devi, G.L.Sravanthi “Medical Image Processing Machine Learning for Feature Selection” TEST Engineering & Management, Vol83, Pages 6892-6901, ISSN: 0193-4120

(<http://testmagzine.biz/index.php/testmagzine/article/view/8608>)

3. K.Chaitanya, R.Venkatesh, M.Naga Sravya, Narra Harika “An Efficient Handoff Scheme for uninterrupted assorted wireless networks in overlapped areas” JCR Vol7, Issue 4, 2020 Pages 825-828, ISSN: 2394-5125 (<http://jcreview.com/fulltext/197-1585665442.pdf?1585747074>)

**National Journal Publications:**

1. N. Harika, M. Swapna Priya, SK. Nazma Aliya, K. Nikitha “Human Emotion Recognition system using Deep Learning” JICR Vol XII, Issue V, 2020 Pages 372-378, ISSN: 0022-1945

2. N.HARIKA, J.AMRUTHA VARSHINI, N.SUJATHA, P.TEJASWI, N.PAVITHRA “Survey Big Market sales using Machine Learning Algorithms” Parishodh Journal Volume IX, Issue III, 2020 Pages 6520-6526, ISSN: 2347-6648

3. **N.Harika**, K. Lakshmi Prasanna, P.RajyaLakshmi ,Ch.Sireesha, M A Shabreentaj “**MUSIC GENRE CLASSIFICATION**” **DRSR Journal Vol-08 Issue-14, 2021 Pages117-120, ISSN : 2347-7180**

4. **N.Harika**, S.Tejaswini, J.Manisha, G.V.L.Vinitha, V.Surekha Reddy “**Credit card fraud detection using Random Forest Algorithm**” **DRSR Journal Vol-08 Issue-14, 2021 Pages71-76, ISSN: 2347-7180**

***Book Chapter Contributions:***

1. Battula. Bhavya, T. R. Rajesh, T. P. Latchoumi, **Narra. Harika** and Latha Parthiban – Department of Computer Science and Engineering, VFSTR (Deemed to be University) “**A Closer look at Big Data Analytics: Chapter 7: Tracking System for birds migration using sensors**” **Vol8, Issue14, 2021, Pages71-76** BISAC: COM018000(ISBN:978-1-53619-333-6) Series: Computer science, technology & applications, Nova Publisher

***FDP's/Workshops Attended:***

1. Completed Successfully Five Day online FDP “**Latex & Xfig**” organized by IIT Bombay from 15-19 June 2020

2. Completed successfully One week online FDP “**Usage of Technology**” organized by CSI (Computer society of India) from 28 may to 2<sup>nd</sup> June 2020

3. Completed Successfully Four Day online FDP “**Research funding & IPR**” organized by K.C college of Engineering & IETE from 7-10 may 2020

4. Completed Successfully Three Day online FDP “**Quality sustainability & Enhancement strategy**” organized by APSSDC from 2-4 july 2020

5. Completed Successfully Five Day online FDP “**Power-Bi**” organized by APSSDC from 15-19 July 2020

6. Completed Successfully Three Day online FDP “**Tools for online class room**” organized by CSI & Coge gnan From 18-20 may 2020

7. Completed Successfully Three Day online FDP “**Machine Learning with Python**” organized by Dept. of CSE By Raise Krishna Sai Group of Institutions, Prakasam (Dt) from 29-31 may 2020

8. Completed Successfully Five Day online FDP “**Introduction to Data Science**” organized by Guntur Engineering College, Guntur (Dt) from 18-22 may 2021

9. Completed Successfully Five Day online FDP “**Data Science with Python**” organized by Computer science & Electronics by Kasturbai Walchand College from 12-14 June 2021

10. Completed Successfully Two Day online FDP “**Applications of Google suit education**” organized by Siddartha Mahila College from 25-26 may 2021.
11. Completed Successfully Six Day online FDP “**Cyber security & Block chain**” organized by Sagar Inst. of Technology, Bhopal from 8-13th June 2020.
12. Completed Successfully Five Day online FDP “**Artificial Intelligence**” organized by Vignan Inst. of Engineering for Women, Vizag from 22-26 may 2020.
13. Completed Successfully Two Day online FDP “**ML with Data Science**” organized by North storm Academy during 13<sup>th</sup> & 14<sup>th</sup> may 2020.
14. Completed Successfully Three Day online FDP “**Research funding projects & IPR(part-II)**” organized by R & D cell K.C College of Engineering from 5<sup>th</sup> to 7<sup>th</sup> June 2021.
15. Completed Successfully Five Day online FDP “**Research Methodology**” organized by Balaji Inst. of Management sciences from 13-17<sup>th</sup> July 2020.
16. Completed Successfully Two Day online FDP “**Angular js**” organized by Chalapthi. Inst. of Technology, Guntur from 21-22 July 2017.
17. Completed successfully 12 week FDP “**Introduction to IOT**” by NPTEL from Jan-April 2020
18. Completed successfully 12 week FDP “**Computer Networks**” by Swayam CEC from Aug-Nov 2019

***Sttp's Attended:***

1. Three Day Sttp on “**Block chain & applications**” organized by Brainovision Solutions india ltd from 10<sup>th</sup> to 15<sup>th</sup> june 2020
2. Six Day Sttp on “**Machine learning using R & Python**” organized by JNTUA from 13<sup>th</sup> to 18<sup>th</sup> july 2020

***NPTEL Certifications Completed:***

1. Introduction to IOT (12 Weeks, IIT Kharagpur with 91% score)
2. Computer Networks (12Weeks, Swayam CEC, Devi Ahilya Viswavidyalaya with 71% Score)

### ***Webinars Attended:***

1. Participated in a webinar on “**Introduction to NLP**” organized by Code Gnan IT Solutions OPC Pvt ltd on 13th May 2020
2. Participated in a webinar on “**Building Random Forest Model**” organized by Code Gnan IT Solutions OPC Pvt ltd 14<sup>th</sup> May 2020
3. Participated in a webinar on “**Building Decision trees from scratch**” organized by Code Gnan IT Solutions OPC Pvt ltd on 9<sup>th</sup> May 2020
4. Participated in a webinar on “**Building Support vector Machine Learning Model**” organized by Code Gnan IT Solutions OPC Pvt Ltd on 16<sup>th</sup> May 2020
5. Participated in a webinar on “**Polynomial Regression using Python**” organized by Code Gnan IT Solutions OPC Pvt ltd on 7<sup>th</sup> May 2020
6. Participated in a webinar on “**Virtual & Augmented reality in Industry**” organized by CSI on 26 May 2020
7. Participated in a webinar on “**Block chain**” organized by Vignan University In association with Wiley on 28 May 2021
8. Participated in a webinar on “**Know your cyber secure world**” organized by Dept of CSE,NRI in association with Wiley on 16<sup>th</sup> June 2021
9. Participated in a webinar on “**Aws cloud services**” organized by Dept. of IT Vignan’s Nirula Inst. of Technology” on 13<sup>th</sup> June 2021

### ***Faculty Orientation Programmes Attended:***

1. Successfully Completed Twelve Day “**Faculty Orientation Programme**” with Good grade conducted by Vignan’s Deemed to be University **From** 5-16 July 2019 which improved the faculty Knowledge & Presentation Skills.

### ***Professional Memberships:***

1. IAENG (ID: 194409)
2. Life time Member of ISRD (ID: M4150904268)

### ***Coursera Certifications:***

1. Four week online course on “**Machine Learning with Big-data**” authorized by University of California on 23 June, 2020 offered through Coursera.
2. Four week online course on “**Emotion AI: Facial key recognition**” on 23 June, 2020 offered through Coursera.
3. Four week online course on “**Introduction to AI**” authorized by IBM on 24 June, 2021 offered through Coursera.
4. Five week online course on “**How to write and publish a scientific paper**” authorized by Ecole Poly - Technique on 01 June, 2021 offered through Coursera.
5. Four week online course on “**Introduction to HTML**” on 23 June, 2020 offered through Coursera.
6. Four week online course on “**Introduction to Python**” on 24 June, 2020 offered through Coursera.
7. Four week online course on “**What is Data science**” authorized by IBM on 04 July, 2020 offered through Coursera.
8. Five week online course on “**Programming for everybody**” authorized by University of Michigan on 27 June, 2020 offered through Coursera.

### ***National Level Quizathons Attended:***

1. Successfully Completed “**SAMSHODHANA**” with 92% - A quiz on research paper reading skills conducted by Dept. of CSE, JAIN Deemed to be University, Bangalore on 15<sup>th</sup> May 2020
2. Successfully Completed “**A National Level Skill Test Quizathon-2020**” with 87%- on Data base management systems conducted by KL Deemed to be University, Guntur
3. Successfully completed a national level quiz on “**Research Methodology**” with 100% score conducted by Mangalyan University, U.P on 16<sup>th</sup> May 2020.

***Any Other Achievements:***

1. Secure 256 rank in AP PGECET-2014
2. Successfully Cleared Ph.D Entrance Exam and interview conducted by VIT Chennai during 29 & 30<sup>th</sup> Nov 2021.
3. Received Certificate of Merit & Trophy in Academic Excellence for secure First place in M.Tech at college Level on 6<sup>th</sup> June 2016.
4. Received Certificate of Merit & Trophy in Academic Excellence for secure Second place in B.Tech at college Level on 14<sup>th</sup> July 2014.