



VAIBHAV KANT SINGH

NAME: VAIBHAV KANT SINGH

CENTRE/SCHOOL/SPECIAL CENTRE: ENGINEERING AND TECHNOLOGY

DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING

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DESIGNATION: ASSISTANT PROFESSOR

QUALIFICATION: MASTER OF TECHNOLOGY (COMPUTER SCIENCE & ENGINEERING), GATE QUALIFIED (COMPUTER SCIENCE & ENGINEERING), BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE & ENGINEERING)

AREA OF INTEREST / SPECIALIZATION: ARTIFICIAL INTELLIGENCE, SOFT COMPUTING, DATA MINING, OPERATING SYSTEM, ARTIFICIAL NEURAL NETWORK etc.

EXPERIENCE: 10+ (YEARS AS PERMANENT FACULTY IN GURU GHASIDAS VISHWAVIDYALAYA)

AWARDS AND HONOURS: TWICE WON BEST PAPER AWARD (CASH PRIZE) IN INTERNATIONAL AND NATIONAL CONFERENCE. MERIT CERTIFICATES IN VARIOUS SPORTS LIKE CRICKET.

LIST OF PUBLICATIONS (ALL)

[PAPERS IN SCOPUS, ELSEVIER, SPRINGER etc.]

JOURNALS: 10+ (INTERNATIONAL) 1(NATIONAL)

CONFERENCE PROCEEDING: 10+ (INTERNATIONAL) 7+ (NATIONAL)

RECENT BOOKS/BOOK CHAPTERS/MONOGRAPHS etc.: 02 (BOOKS AS AUTHOR) 01 (LAB MANUAL)

ADDITIONAL INFORMATION:

PATENTS: 05

FDP: 10+

NPTEL CERTIFICATION=03 (2-8 WEEK & 1-12 WEEK)

ATAL FDP = 05

WORKSHOP: 09

WEBINAR: 02

STTP: 01

TTP: 01

TEDP: 01

REFRESHER/ORIENTATION: 04

SESSION MODERATOR: 2+

GOOGLE SCHOLAR CITATION DATA:

CITATIONS: 312

h-index: 10

i-10 index: 12

RESEARCH GATE CITATION:

CITATION: 121

PUBLICATION LIST:

- [Vector space model: an information retrieval system](#) 2015
VK Singh, VK Singh
Int. J. Adv. Engg. Res. Studies/IV/II/Jan.-March 141 (143)
- [Proposing Solution to XOR problem using minimum configuration MLP](#) 2016
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2016 3rd International Conference on Computing for Sustainable Global ...
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International Journal of Information Science and Techniques (IJIST) 6 (1/2 ...
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- [Minimizing space time complexity by RSTDB a new method for frequent pattern mining](#) 2009
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2008
- Proposing pattern growth methods for frequent pattern mining on account of its comparison made with the candidate generation and test approach for a given data set**

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2019
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2010
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2010
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VK Singh
2017 International Conference on Information, Communication, Instrumentation ...

2017
- Analysis of Stability and Convergence on Perceptron Convergence Algorithm**

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2017

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Innovative Research in Science Management and Technology (ICIRSMT 2021) 1 (2 ...

2021
- Machine Learning approach to detect Breast Cancer**

VK Singh, A Baghel, ND Yadav, M Sahu, M Jaiswal
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2021
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2016
- Support Vector Machine Using RBF, Polynomial, Linear and Sigmoid as Kernel To Detect Diabetes Cases And To Make A Comparative Analysis of the Models**

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2021
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2021
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2021

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- HISTORICAL DEVELOPMENT IN THE FIELD OF ARTIFICIAL INTELLIGENCE**
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- ❑ **SVM AN ML APPROACH FOR DIABETES**
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- ❑ **SUPPORT VECTOR MACHINE AN ML APPROACH FOR BREAST CANCER**
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- ❑ **Lab Manual of Web Technology and C-Programming**
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- ❑ **Minimizing Space Time Complexity in Frequent Pattern Mining by Reducing Database Scanning and Using Pattern Growth Method**
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