JASWINDER SINGH

Academician & Researcher
Email: jassi724@gmail.com
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Address: Nabha, Dist. Patiala, Punjab, Nabha-147201, India

EDUCATION

Ph.D. (CSE) in Computer Science and Engineering
Bennett University Greater Noida , India 2021-Pursuing

M.Tech (CSE) in Computer Science and Engineering
Desh Bhagat University, Mandi Gobindgarh, India
2017 – 2019

Master of Computer Applications
Thapar Institute of Engineering & Technology, India
2012 – 2015

Bachelor of Computer Applications
Punjabi University, India
2009 – 2012

EXPERIENCE

Assistant Professor

Department of Computer Science and Engineering
Punjab Institute of Technology, Moga, Punjab, India
1 th October 2020 – Ongoing

WEB DESIGNER IT

Technity IT services LLP, Bhopal-462001.

August - 2019 TO August- 2020

WEB DESIGNER IT

ZCODE Technology – Bhopal (M.P)

15- July-2015 TO 30-June -2017

CERTIFICATIONS

COVID-19 Pandemic general Awareness in Chandigarh University -2020.
COVD-19 in Gulf university united Arab Emirates-2020

LIFE PHILOSOPHY

"Education is the most powerful weapon that you can use to change the world."

MOST PROUD OF

Courage I had to take a sinking ship and try to make it float

Persistence & Loyalty I showed despite the hard moments and my willingness to stay with institute after the acquisition

STRENGTHS

Hard-working Persuasive

Motivator & Leader

LANGUAGES
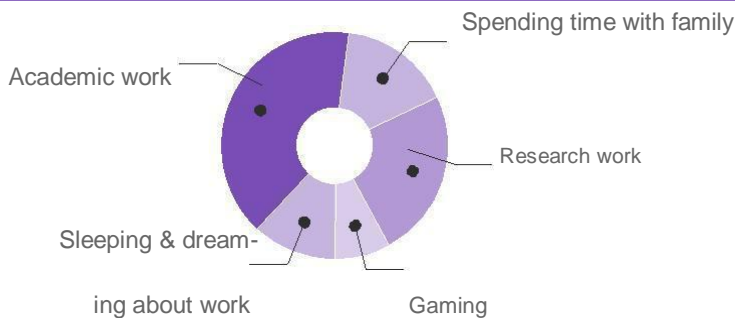
English   ○○○○○
Punjabi   ○○○○○
Hindi   ○○○○○

RESEARCH FIELDS

- Artificial Intelligence
- Meta-heuristics
- Optimization
- Evolutionary Computing
- Deep-learning
- Machine-learning
- Clustering

A DAY OF MY LIFE

- Spending time with family
- Academic work
- Research work
- Sleeping & dream-ing about work
- Gaming

PUBLICATIONS

Books

[1] G. Dhiman, J. Singh, and H. Singh, *MIMO Patch Antenna for Wireless Applications*. Lambert Academic Publishing, 2020.

[2] G. Dhiman, J. Singh and A. Kaur, *Multi-objective Optimization for Data Clustering: A Proposal*. Lambert Academic Publishing, 2021.

[3] G. Dhiman, J. Singh, and A. Kaur, *Hybrid Metaheuristic Optimization Approach: Theory and its Application*. Lambert Academic Publishing, 2019.

[4] G. Dhiman, J. Singh, and S. Kaur, *Enhancement of Dynamic Load Balancing using Ant in Cloud Environment*. Lambert Academic Pub-lishing, 2019.

[5] R. Singh, J. Singh, and G. Dhiman, *Automatic English Language Preparation*. Lambert Academic Publishing, 2019.

Skill

HTML, CSS , Bootstrap ,Python with Django and Machine learning, MS Office , Excel ,SQL

PROJECTS

Project Title – Online Bill Management Sys-tem (Duration - 6 months)

<u>Location</u> **– Punjab State Power Corporation Limited (PSPCL), Patiala**
<u>Tools</u> **– Php, My-SQL, XAMPP, Dreamweaver**

SUBJECTS TAUGHT

- **Python**
- **C, JAVA, C++**
- **Data Structures**
- **Fundamentals of Information Technology**
- **Python**

[6] P. Singh, G. Dhiman, S. Guo, R. Maini, H. Kaur, A. Kaur, H. Kaur, J. Singh, and N. Singh, "A Hybrid Fuzzy Quantum Time Series and Linear Programming Model: Special Application on TAIEX Index Dataset," *Modern Physics Letters A*, vol. 34, no. 25, 2019 (SCI-Indexed: IF = 1.391).

[7] Jaswinder Singh and Shaminder Singh, "A Novel Hybrid Approach for Global Optimization, Special Application on hybrid clustering algorithms", *International Journal of Computer Science and Technology*, Google Scholar-indexed, 2019.

 [8] Jaswinder Singh and Gaurav Dhiman, A Survey on Machine-learning Approaches: Theory and their Concepts, *Materials Today: Proceedings*, SCOPUS-Indexed, 2021.

[9]. Jaswinder Singh and Gaurav Dhiman, A Survey on Cloud Computing Approaches, Materials *Today: Proceedings*, SCOPUS-Indexed, 2021.

[10]. Jaswinder Singh and Gaurav Dhiman, A Short Survey of Co-Builders Web Framework, *Materials Today: Proceedings*, SCOPUS-Indexed, 2021.

[11]. Three-Periods Optimization Algorithm: A New Method for Solving Various Optimization Problems, IETE Journal of Research, DOI: 10.1080/03772063.2022.2052982 SCI – Indexed.

REFERENCES

Dr. Vijay Kumar

Email: vijaykumarchahar@nith.ac.in
Department of Computer Science and Engineering National Institute of Technology, Hamirpur , India

Dr. Sen Guo

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Department of Electronics and Computer Science Koszalin University of Technology, Poland

Dr. Ali Riza Yildiz

Email: aliriza@uludag.edu.tr
Department of Automotive Engineering Uludag University, Turkey