Manpreet Singh Lehal
mslehal.herokuapp.com

Profile

An inquisitive, engaged and skilled tutor with 16+ years of experience and a strong foundation in math, logic and coding. Seeking to leverage exemplary leadership skills, analytical skills, and coding skills with professional zeal to achieve excellence in the field of education and research.

Contact

PHONE:
9876143788 (WhatsApp)
9876937788 (Another)

Skills

Skills	Soft Skills	Hard Skills
• **Tools :** *Eclipse, VS Code, Sublime, G-Suite Workspace, Git* • **Languages:** *Python, SQL. Java, C++, C, PHP* • **Database Management:** *phpMyAdmin, Django DB* • **Cloud Base Technology:** *Docker, Heroku, GitHub*	• *Team work* • *Confidence* • *Leadership* • *Critical Thinking* • *Problem Solving*	• *Data Structure* • *Theory of Computation* • *Computer Graphics* • *Natural Language Processing* • *Discrete Mathematics* • *Machine Learning* • *Web Development*

Education

- Doctorate of Philosophy (Ph.D.)- Punjabi University, Patiala, 2021
- Master of Technology (M.Tech-IT)- Guru Nanak Dev University, Amritsar, 2004
- Master of Science (M.Sc. Maths)- Guru Nanak Dev University, Amritsar, 2002
- Bachelor of Science (B.Sc. Non- Med)- Guru Nanak Dev University, Amritsar, 2000
- 10+2 (Non-Med) Khalsa College, Amritsar

Tools Developed

- *Crawler & Extractor (pce.vishalpup.in)*
- *Tools (http://lehal-tools.herokuapp.com/)*

Experience

Assistant Professor
25-06-2007 to Present
Lyallpur Khalsa College, Jalandhar
Key responsibilities

Lecturer
18-07-2005 to 24-06-2007
Guru Nanak College, Sukhchainana Sahib College, Phagwara

Lecturer
08-07-2004 to 30-04-2005
Sikh National College, Banga

- *Handling the data of students as Dean E-Data Management Cell*
- *Planning lessons and activities that facilitate students' acquisition of basic and advanced computer skills.*
- *Instructing in a manner that develops students' confidence in their abilities.*
- *Observing and managing classroom dynamics.*
- *Invigilating and grading projects, quizzes, and examinations.*
- *Tracking and communicating students' advancement throughout the course.*
- *Facilitating and organizing student activities and events*
- *Commissioned as Flying Officer and coordinating NCC activities as ANO Air wing*

Publications

- *Document Alignment for Generation of English-Punjabi Comparable Corpora from Wikipedia, International Journal of E-Adoption (IJEA) Vol.12 No.1 Page No. 42-51, 2020.*
- *Comparative Analysis of Similarity Measures for Extraction of Parallel Data, International Journal of Control and Automation, Vol.12 No.6 Page No. 408-417, 2019.*
- *Review of techniques for extraction of bilingual lexicon from comparable corpora, International Journal of Engineering & Technology, Vol. 7 No. 2 Page No. 15-20, 2018.*
- *Challenges in Cross Language Information Retrieval, International Journal of Research in Electronics and Computer Engineering (IJRECE), Vol.6. No. 2 Page No 432-435, 2018*
- *Similarity Measures to identify Text Similarity, International Journal of Scientific Research in Science, Engineering and Technology, Volume 3, Issue 5, page No. 788-794, 2017.*
- *Comparison of Cosine, Euclidean Distance and Jaccard Distance, International Journal of Scientific Research in Science, Engineering and Technology, Vol 3 No. 8 page no. 1376-1381, 2017.*
- *Shopping Smart with RFID Equipped Trolleys, International Journal of Research in Business and Technology, Vol.5. No.3, Page No 700-704, 2014.*
- *Fuzzy in the Real World, International Journal of Computers & Technology (IJCT), Vol.7. No.1, Page No 473-477, 2013.*
- *Software Quality: A mosaic of abstractions, International Journal of Management & Information Technology, Vol 1, No 1, Page No. 17-20, 2012.*
- *Security apprehensions in different regions of cloud Captious grounds, International Journal of Network Security & Its Applications (IJNSA), Vol.3, No.4, Page No. 48-57, 2011.*

Book

A Text Book on Compiler Design. Unimax Publication, 2014.

Paper Presentations

- *Information Communication Technology and Education: Scope and Challenges Souvenir International Conference Ramgarhia College Education Phagwara 03- 03- 2015*
- *National Fuzzy Logic use to control the traffic light system Recent Trends in Computer and Communication Technology DAV College Dasuya 21- 02- 2015*
- *National Software Measurement Metrics Software Engineering Doaba College, Jalandhar 09- 03- 2012*
- *National Cross Language Information Retrieval issue and challenge Communications and Computing Technologies APJ College Jalandhar 11- 03- 2017*
- *National Concept of fuzziness and its realization into human life Computer Application Sant Hira Dass Kanya Maha Vidyalaya 11- 02- 2012*
- *National Use of Technology in Agriculture in Punjab Agrarian crisis in Punjab Sant Baba Dalip Singh Memorial (SBDSM) Khalsa College, Domeli 05- 02- 2018*

Workshops

- *Ugc Sponsored National Workshop on Network Security and Management 05-02- 2011 to 07-02- 2011 Lyallpur Khalsa College Jalandhar*
- *General Orientation Course 04-05- 2011 to 31-05- 2011 HRDC Guru Nanak Dev University Amritsar*
- *Refresher Course Computer Science and IT 09-12- 2011 to 29-12- 2011 HRDC University of Jammu*
- *One Day Workshop on Interfacing Innovation &IIPR For Diffusion of Technology by NRDC 12-09- 2014 DAV University Jalandhar*
- *Refresher Course 17-11- 2014 to 08-12- 2014 HRDC Guru Nanak Dev University Amritsar*