BIODATA

1. Personal Details

Name	Gurpreet Singh Josan
Sex and Date of Birth	M, 27-08-1977
Highest Qualification	Ph.D.
Designation	Professor
Department	Department of Computer Science,
Institute/University	Punjabi University Patiala
Complete Address with Pin Code	Rajpura Road, Patiala 147002
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2. Academic and professional career

a. Academic career (From Graduation to highest qualification level indicating subject and area of specialization – Enclose copy of certificate of highest qualification):

Examination	Name of the Board/ University	Year of Passing	Percentage of Marks obtained	Division Class/Grade
B. Tech	SLIET, Longowal	2000	74	1st
M. Tech	Punjabi University, Patiala	2001	75	1st
Ph.D	Computer Science and Engineering, Faculty of Engineering & Technology, PUNJABI UNIVERSITY, PATIALA			

b. Professional career:

- Currently working at Department of Computer Science, Punjabi University, Patiala as Professor Since 4th May, 2021. (Current Status)

- Worked at Department of Computer Science, Punjabi University, Patiala as Associate Professor Since 4th May, 2018. (Current Status)
- Worked as Assistant Professor at Department of Computer Science, Punjabi University, Patiala from 11 August 2011 to 3 May 2018.

3. Award/Prize/Certificate etc.:

- State Award by Honorable Chief Minister S. Parkash Singh Badal Ji at 65th Independence Day State Level Celebration Function held at Amritsar on 15-08-2011.

4. List of Completed and Ongoing Projects

Sl. No	Title of the Project	File No.	Funding Agency	Status (whether ongoing/ completed)	Amount (in Rs)
1	Indian Language to Indian Language Machine Translation	11(1)-2022-HCC(TDIL)-Part(2)	Ministry of Electronics and Information Technology	Ongoing	Rs. 25,24,12,000/-

5. Publications (Details of Papers, Books, General Articles, Patents if any)
Books
1. Data Science and Machine Learning with Python, Gurpreet Singh Josan and Jagroop Kaur, Techsar Publication, New Delhi, Edition 2024, ISBN NO - 9788197069505.

Papers
1. Singh, Arwinder, **Josan, Gurpreet Singh**, A Deep Network Model for Paraphrase Detection in Punjabi,The International Conference on Recent Innovations in Computing, 173-185, 2020, Springer, Singapore
2. Rani, Usha, Kaur, Amandeep, **Josan, Gurpreet**, Comparative Analysis of Salt and Pepper Removal Techniques for Binary Images,Advanced Computing and Intelligent Engineering, 377-389, 2020, Springer, Singapore.
3. Kaur, Jagroop, **Josan, Gurpreet Singh**, English to Hindi Multi Modal Image Caption Translation,Journal of Scientific Research,64,2,,2020
4. Kaur, Amandeep, Rani, Usha, Josan, Gurpreet Singh, ,Modified Sauvola binarization for degraded document images,Engineering Applications of Artificial Intelligence,92,,103672,2020,Pergamon
5. Rani, Usha, Kaur, Amandeep, Josan, Gurpreet, ,A New Contrast Based Degraded Document Image Binarization,Cognitive Computing in Human Cognition,,,83-90,2020,Springer, Cham

6. Walia, Tarandeep Singh, **Josan, Gurpreet Singh**, Singh, Amarpal, An efficient automated answer scoring system for punjabi language, Egyptian Informatics Journal, 20, 2, 89-96, 2019, Elsevier

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8. **Gurpreet Singh, Josan**, Jagroop, Kaur, LSTM Network based Malicious Domain Name Detection,International Journal of Engineering and Advanced Technology (IJEAT), 8, 6, 3187-3191, 2019

9. Kaur, Parneet, Singh, Manpreet, **Josan**, **Gurpreet Singh**, Dhillon, Sukhwinder Singh, , Rank Aggregation Using Ant Colony Approach For Metasearch, Soft Computing, , Jan-16, 2018, Springer Berlin Heidelberg

10. Diksha Goyal, **Gurpreet Singh Josan**, Automatic Sentiment Lexicon Construction For Punjabi, Research Cell: International Journal Of Engineering Sciences, 30, , 24-37, 2018, Vidya Publications

11. Walia, Tarandeep Singh, **Josan**, **Gurpreet Singh**, Singh, Amarpal, , An Efficient Automated Answer Scoring System For Punjabi Language, Egyptian Informatics Journal, , 2018, Elsevier

12. Walia, Tarandeep Singh, **Josan**, **Gurpreet Singh**, Singh, Amarpal, , Quantum-Based Automated Short Answer Scoring System, Modern Physics Letters B, 32, 33, 1850403, 2018, World Scientific Publishing Company

13. Kaur, Parneet, Singh, Manpreet, **Josan**, **Gurpreet Singh**, , Comparative Analysis Of Rank Aggregation Techniques For Metasearch Using Genetic Algorithm, Education And Information Technologies, 22, 3, 965-983, 2017, Springer Us

14. Shabnam Bawa, **Gurpreet Singh Josan**, , Automatic Mood Classification Of Punjabi Poems Using Supervised Approach, Csi Journal Of Computing, 4, 1, 34 - 42, 2017, Csi

15. Jagbir Kaur, **Gurpreet Singh Josan**, , Summarization Of Customer Reviews Using Sentence Tagging And Analysis., International Journal Of Advanced Research, 5, 11, 231-237], 2017,

16. Gebremedhin Hailu, **Gurpreet Singh Josan**, , Rule Based Approachfor Translitration Of English To Tigrigna, International Journal Of Multidisciplinary Educational Research, 6, 7(3), 205-223, 2017,

17. Kumar, Dinesh, **Josan**, Gurpreet, , Prediction Of Part Of Speech Tags For Punjabi Using Support Vector Machines., International Arab Journal Of Information Technology (Iajit), 13, 6, , 2016,

18. Kaur, Parneet, Singh, Manpreet, **Josan**, **Gurpreet Singh**, , Analysis Of Rank Aggregation Techniques For Metasearch: A Case Study, International Journal Of Computer Science And Information Security, 14, 7, 762, 2016, Ljs Publishing

19. Kaur, Amandeep, **Josan**, **Gurpreet Singh**, , Evaluation Of Named Entity Features For Punjabi Language, Procedia Computer Science, 46, , 159-166, 2015, Elsevier

20.   Kaur, Parneet, Singh, Manpreet, **Josan**, **Gurpreet Singh**, , Classification And Prediction Based Data Mining Algorithms To Predict Slow Learners In Education Sector, Procedia Computer Science, 57, , 500-508, 2015, Elsevier

21.   Kaur, Amandeep, **Josan**, **Gurpreet Singh**, , Nested Named Entity Recognition In Punjabi Text, International Journal Of Applied Research On Information Technology And Computing, 6, 2, 84-93, 2015

22.   Kaur, Pameet, Khurm, Sawtantar Singh, **Josan**, **Gurpreet Singh**, , Analysis For Classification Of Similar Documents Among Various Websites Using Rapid Miner, 2014 International Conference On Issues And Challenges In Intelligent Computing Techniques (Icict), 465-470, 2014, Ieee

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24.   Singh, Amanpreet, **Josan**, **Gurpreet Singh**, , Pitch Based Raag Identification From Monophonic Indian Classical Music, International Journal Of Computer Science And Mobile Applications, 2, 9, Sep-14, 2014,

25.   Kaur, Amandeep, **Josan**, **Gurpreet Singh**, , Evaluation Of Punjabi Named Entity Recognition Using Context Word Feature, International Journal Of Computer Applications, 96, 20, 2014

26.   Kashyap, Dinesh Kumar, **Josan, Gurpreet Singh**, A trigram language model to predict part of speech tags using neural network, International Conference on Intelligent Data Engineering and Automated Learning, 513-520, 2013, Springer, Berlin, Heidelberg

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 39.   **Josan, Gurpreet Singh, "**MOVING MACHINE TRANSLATION SYSTEM TO WEB",
    Indian Journal of Computer Science and Engineering 2(2), ISSN : 0976-5166, April 2011

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