

Name : Sarita Bansal Garg
Designation : HOD, Associate Professor
Department : Computer Applications
Qualification : MCA(Gold Medalist), M. Phil
Experience : Teaching: 24 Years
Area of Specialization(s) : Artificial Intelligence, Deep Learning, NLP
Email (Official ID) : saritabansalgarg.faculty@mains.ac.in
Ph.D guidance :

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph. D.	Computer Science	Indira Gandhi National Open University, Delhi	Pursuing
M.Phil	Computer Science	Madurai Kamraj University	2007
MCA.	Computer Science	Guru Jambheshwar University	2000
B.Sc.	Non – Medical with Computers	GVM Girls College, Sonapat	1997

Additional Qualifications

Diploma/ Vocational/ Certification	Area of Specialization	Institution / University / Agency Name	Year
Online Certificate	Introduction to R	DataCamp	2022
Online Certificate	Machine Learning with Tree-Based Models in Python	DataCamp	2021
Online Certificate	Ensemble Methods in Python	DataCamp	2021
Online Certificate	Introduction to Deep Learning with Keras	DataCamp	2021
Online Certificate	Fundamentals of Deep Learning for Computer Vision	NVIDIA Deep Learning Institute	2020
Online Certificate	Sentiment Analysis with Deep Learning using BERT	Coursera	2020
Online	Intermediate Python	DataCamp	2020

Certificate			
Online Certificate	Introduction to Python	DataCamp	2020
Online Certificate	Recurrent Neural Networks for Language Modelling in Python	DataCamp	2020
Online Certificate	Introduction to TensorFlow for Artificial Intelligence, Machine Learning and Deep Learning	Coursera	2020
Online Certificate	Natural Language Processing in TensorFlow	Coursera	2020
Online Certificate	MATLAB Onramp	MathWorks	2020
Online Certificate	Data Analysis in Excel	DataCamp	2020
Online Certificate	Introduction to Natural Language Processing in Python	DataCamp	2020
Online Certificate	Sentiment Analysis in Python	DataCamp	2020
Online Certificate	Introduction to Deep Learning in Python	DataCamp	2020
Online Certificate	Neural Networks and Deep Learning	Coursera	2019
Online Certificate	Text Mining and Analytics	Coursera	2018
Online Certificate	Text Retrieval and Search Engines	Coursera	2018

Research Guide Recognition No:

Research Publications (Indexed)

1. Published a book titled '**Fundamentals of E-Commerce**' for BBA 2nd Sem. students of GGSIPU. Published by Prakhar Goonj. **ISBN: 978-93-6210-086-3.**
2. Patent titled '**IOT and Artificial Intelligence for Predicting the Micro Plasma Effects of Freshly Harvested Vegetables**' on October 13, 2023.

3. Published a paper titled '**Negation Handling: Sentiment Analysis using Super Ensemble Method in Deep Learning**' in Indian Journal of Computer Science, Volume 8, Issue 3, May-June 2023, ISSN: 2456-4133 (Print Journal), DOI: 10.17010/ijcs/2023/v8/i3/172862.
4. Contributed a chapter titled '**Unit 10: Data Structures and Control Statements in Python**' in the IGNOU Self Learning Material (SLM) developed for Post Graduate Diploma in Computer Applications (PGDCA) – New, Semester – I, MCS-201 Programming in C and Python, Block – 3 Introduction to Python Programming published by IGNOU, New Delhi. 2021.
<http://egyankosh.ac.in/handle/123456789/72723>

Presentations in Conference

International Conference

1. **Super Deep Learning Ensemble Model for Sentiment Analysis, International Conference on Computing, Communication and Intelligent Systems (ICCCIS-2023)** on 3-4 November 2023 organized by Sharda University and published in **IEEE Explore** 2023, pp. 341-346, doi: 10.1109/ICCCIS60361.2023.10425309.
2. **Advanced Ensemble Approach for Sentiment Analysis using Deep Learning Models, International Multidisciplinary Conference on “Shaping the Future Trends and Insights for Tomorrow”** on 29-30 September 2023 organized by S.S.G. Pareek P.G. College, Jaipur and Inspira Research Association and is awarded third best paper presentation award too.
3. **The Role of Artificial Intelligence in Supporting Development of Indian Economy**, International Conference on Drivers of Global Economy Recovery, Maharaja Agrasen Institute of Management Studies, Delhi in association with Walijat College of Applied Sciences, Oman and Thammasat University, Thailand, 23-Apr-2021.
4. **Sentiment Analysis: Choosing the Right Word Embedding for Deep Learning Model**, International Conference on Advanced Computing and Intelligent Technologies (ICACIT2021), School of Computing Science & Engineering, School of Electrical, Electronics & Communications Engineering, Galgotias University and Department of Information Engineering and Mathematics Università Di Siena, Italy, 20-March-21 to 21-March-21 and published in Lecture Notes in Networks and Systems 218 Advanced Computing and Intelligent Technologies published by **Springer**. ISSN 2367-3370, DOI: <https://doi.org/10.1007/978-981-16-2164-2>. 22 July 2021.
5. **Brands and their Customer Connections during COVID-19**, International conference, Global Economic Order in the Post-Covid Era: Challenges, Opportunities and Strategies, Maharaja Agrasen

Institute of Management Studies, 25-July-2020.

6. **A Survey on Various Negation Handling Techniques in Sentiment Analysis**, International Conference, Smart Sustainable Intelligent Computing and Application (ICITETM-2020), Department of Computer Science & Engineering, Maharaja Agrasen Institute of Technology, 04-Feb-2020 to 6-Feb-2020. And published as chapter in an edited book 'Smart and Sustainable Intelligent Systems' published by **Scrivener Publishing LLC**. 24 March 2021. Print ISBN:9781119750581 |Online ISBN:9781119752134 |DOI:10.1002/9781119752134.ch19

National

1. **Cyber Terrorism – The Dark Side of the Web World**, National Seminar, Techno Tryst-2009 Fledgling Trends in Information Technology, Delhi Institute of Advanced Studies, Delhi, 14-Mar-2009.

Conference / Seminar / Workshop Organized/Resource Person

1. Convener, Webinar: E Commerce: Changing Landscape, Maharaja Agrasen Institute of Management Studies, August 2, 2021.
2. Co-Convener and Resource Person, Skill Enhancement Certificate Course on Business Applications of Excel 3.0, Department of Business Administration, Maharaja Agrasen Institute of Management Studies, July-August, 2021.
3. Convener, Webinar: 5G Application-Myths and Realities, Maharaja Agrasen Institute of Management Studies, 9-June-21.
4. Co-Convener and Resource Person, Skill Enhancement Certificate Course on Business Applications of Excel 2.0, Department of Business Administration, Maharaja Agrasen Institute of Management Studies, Feb-June, 2021.
5. Co-Convener of MAIMS International Conference (MIC 2020) on "Impact of Digitization on Education, Management Sciences, Information Technology, Law Enforcements and Media" on December 3 - 4, 2020.
6. Resource Person, Sentiment Analysis, Interactive Radio Counselling (IRC), Gyan Vani, IGNOU, 22-Sep-2018.

Membership in Professional Bodies

Awards / Honors