



Maharaja Surajmal Institute

Affiliated to GGSIP University & NAAC 'A' grade accredited.

Rated as Category 'A+' by SFRC & 'A' by JAC Govt. of NCT of Delhi

Recognised U/s 2(f) of UGC Act

Faculty Profile

1. **Name of Faculty:** Dr. Neetu Narwal
2. **Date of Joining:** 01-08-2007
3. **Present Position:** Associate Professor, HOD BCA-M
4. **Department:** Department of Computer Applications
5. **Email ID:** neetunarwal@msijanakupuri.com, neetunarwal@gmail.com
6. **Profile:**

Your profile (glorify your work)

- Ph.D. (Computer Applications) from Banasthali Vidyapeeth, Rajasthan in the research field of Web Content Mining, MCA from IGNOU and B.Sc(H) from Delhi University.
- 20+ Years of Teaching Experience and presently working as Associate Professor.
- Head of Department of BCA- I Shift from Aug 2023 till date.
- 3+ Years of Industry Experience in Software Development.
- A subject matter expert in Data Structures, Programming Languages, Artificial Intelligence, Database Management, Operating System etc.
- Published 21 Research Papers in International/National Journals, presented/published 15 Research papers in International/National Conferences, authored 4 Books and 1 Chapter.
- Courses done under MOOCs : Successfully completed NPTEL online certification (funded by Ministry of HRD, Govt. of India) a 4 week AICTE approved Faculty development programme on Python for Data Science, with 85% marks, (with top 5% topper category) during Aug-Sept. 2019.
- Organized Various Conferences, Faculty Development Programmes, Seminars.
- Attended more than 30 seminars/conferences/workshops/Faculty Development Programmes in the field of Computer Science.
- Presently Convener of MSI Publication committee looking after design and release of Creation- Annual Magazine, MSI Newsletter, Student Information Bulletin, Hostel Brochure.
- Editorial Team of Parichay Maharaja Surajmal Institute Journal of Applied Research, till 2023 successfully released 10 issues.
- MSI- pre-placement committee, training, industrial visit and examination committee.

7. Educational Qualification:

S No.	Degree (graduation onwards)	College and/ or University	Year
1.	B.Sc.(H)	Delhi University	1995
2.	MCA	Indira Gandhi National Open University	2002
3.	NET	ASRB- equivalent to UGC NET	2004

4.	Ph.D.	Banasthali Vidyapith, Rajasthan, 2017	2017

8. Employment Record (Latest First)

S No.	From [Month & Year]	To [Month & Year]	Employer Name	Positions Held	No of Years
1	Aug 2007	Till date	Maharaja Surajmal Institute	Associate Professor Aug 2018 till date HOD, BCA-M Aug 2023 till date Assistant Professor from Aug 2007 to Aug 2018	17 years & continuing
2	Aug 2004	July 2007	Jagannath Institute of Management Studies, GGSIPU	Lecturer	3 Years
3	Aug 2001	July 2004	Maharaja Surajmal Institute	Technical Assistant & Faculty- DOEACC from July 2003 – July 2004	3 Years
4	May 2000	July 2001	M/S Binary Semantics, Gurgaon	Analyst Programmer	1 Year
5	July 1998	May 2000	M/S Digital Design, Faridabad	System Analyst and Project Manager	2 Years

9. Research Papers in National and International Journals

S No.	Title of Paper (Vol and Page No.)	Name of Journal	National/ International	SCI/ SSCI/ SCOPUS/ Care	SCIE/ ESCI/ UGC	Year of Publication	Impact Factor	No. of Citations
1	Study of Health Promoting Behaviours and its Determinants for University Students in India	Grenze International Journal of Engineering & Technology (GIJET), 2024, Vol 10, Issue 2, Part 2, p435 ISSN	International	Scopus		June 2024		

		2395-5287					
2	Study of EKC Hypothesis and Long Run and Short Run Linkages between CO2 Emission, GDP, Coal Consumption, power Consumption and Renewable Energy in India	International Journal of Science Engineering and Technology ISSN (Online): 2348-4098	International	Peer Reviewed, ABCD index	Nov 2023		
3	Identification of Long Run and Short Run Linkage between Energy and GDP towards Carbon Emissions- An Indian Perspective	International Journal of Scientific Research & Engineering Trends Volume 8, Issue 5, Sept-Oct-2022, pp: 2014-2017 ISSN (Online): 2395-566X	International		Sep-Oct 2022		
4	ML-Based Hand Sign Detection System for Deaf-Mute People	Parichay Journal	National		Jan-Jun 2022		
5	Web page filtering for kids	International Journal of Information Technology, 2511-	International	Scopus, UGC Approved	Oct-Dec 2020	1.406	

		2104 (print) ,2511-2112 (e-ISSN)					
6	Fuzzy Rule Base Optimisation using Genetic Algorithm for Mobile Web Page Adaptation	International Journal of Information and Decision Sciences, InderScience, ISSN online: 1756-7025, ISSN print: 1756-7017	International	Scopus, UGC Approved	Dec 2018	0.48	
7	Social Media Analytics	CSI Communications, pp 10-14, Vol 42, Issue 5&6, 2018	National		May -June 2018		
8	Analysis of Communication on Social Media,	International Journal of Computer Science and Engineering, Volume-6 , Issue-3 , Page no. 82-85, Mar-2018. ISSN 2347-2693	International	UGC Approved	March 2018	3.022	
9	A Case Study on Delhi MCD Election Prediction using Social Media Analytics	International Journal of Advanced Research in Computer Science, Jan-Feb 2018, ISSN:0976-	International	UGC Approved	Jan-Feb 2018	2.08	

		5697					
10	A Case study on Customer Review based Sentiment Analysis	International Journal of Management, IT & Engineering (IJMIE) ISSN: 2249-0558	International	UGC Approved	Jan 2018	7.119	
11	A Study of Product Sentiment Analysis based on Reviewers Comments	Jamshedpur Research Review, Year 2017 Vol. V Issue XXIV, pp 83-87. ISSN: 2320-2750)	National		Oct-Nov 2017		
12	Customer Segmentation Using Social Media Data	International Journal of Management, IT & Engineering (IJMIE) ISSN: 2249-0558	International	UGC Approved	Oct 2017	7.119	
13	User query based web content collaboration,	Advances in Computational Sciences and Technology, RI Publication , Volume 10, Number 9 (2017) pp. 2887-2895. Print ISSN 0973-6107 Online ISSN 0974-	International	UGC Approved	Sep 2017	0.83	

		4738					
14	Noise Removal from News Websites	International Journal of Computer Sciences and Engineering, Vol 5 Issue 9, pp 249-257, Sep 2017, e-ISSN-2347-2693	International	UGC Approved	Sep 2017	3.022	
15	Twitter Data Analysis of Mobile Internet Service Providers in India	International Research journal of Management Science and Technology , Vol. 8 Issue 8, pp-Aug 2017. ISSN 2250 - 1959 (online) ISSN 2348-9367 (Print))	International	UGC Approved	Aug 2017	7.2013	
16	Crime Data Mining an Indian Perspective,	International Journal of Computer Sciences and Engineering, Vol 5, Issue 8. Pp 73-80. e-ISSN- 2347-2693.	International	UGC Approved	Aug 2017	3.022	
17	Web content adaptation using 2D bin packing algorithm,	International Journal of Information	International	Scopus, UGC Approved	June 2017	1.406	

		Technology, Springer, June 2017, Volume 9, Issue 2, pp 139-146. 2511-2104 (print)2511-2112 (e-ISSN)					
18	News Web content Filtering using Machine learning Technique	MSI Journal	National		Jan 2017		
19	Web Informative Content Identification and Filtering using Machine Learning Technique	International Journal of Data Analysis Techniques and Strategies (IJDATS) Inderscience, 2016 Vol 8, No.4, 332-347, 2016, ISSN: 1755-8050	International	Scopus, UGC Approved	Dec 2016	0.740	
20	Machine Learning for Web Page Adaptation	International Journal of Computer Science and Information Technologies, pp 60-65, Vol. 7 (1), 2016.	International	UGC Approved	2016	2.280	
21	Web Content Extraction A Heuristic Approach	International Journal of Computer	International		Jan 2013	0.423	

		Science and Information Security, pp-1-4, Vol. 11, No 1 , 2013, ISSN 1947 5500					
22	Web Page Adaptation for Large Screens	International Journal of Computer Science & Information Technologies, pp 4681-4683, Vol 3(4), 2012 . ISSN 0975- 9646	International		2012	2.280	

10. Research Papers presented / Published as full paper in Conferences/ Seminars:

S No.	Title of Paper	Name of Conferences/ Seminars	National/ International	Name of Host Institution	Year
1	Study of Health Promoting Behaviours and its Determinants for University Students in India	Third International Conference on Advances in Computer Science and Application CSA 2024	International	Association of Computer Electrical Electronics and Communication Engineers	Mar 29-30 2024
2	Analysis of Environment Kuznets Curve in India	Conference Proceedings of Digital Entrepreneurship, Pp 57-60 ISBN: 978-81-949292-9-1	National	MSI	29-30 Jan 2021
3	Role of Social Media for Brand building among Students of 21st Century	Conference Proceedings of Emerging trends in big data, IOT and cyber security	National	MSI	March 2020
4	A Study of Product	National Conference on "Quality Assurance in Higher Education: Practices and	National	MSI	16th -17th May 2019

	Sentiment Analysis based on Customer and Critics Comments	Issues, Maharaja Surajmal Institute, Sponsored by NAAC. ISBN: 978-93-86238-72-6			
5	Fourth Industrial Revolution, its impact and implications	National Conference, India Yes to Mega Reforms: Issues, Challenges and Implication (Future of Work & 4th Industrial Revolution), ISBN No 978-93-86238-67-2.	National	MSI	23 rd Feb 2019
6	Crime Data Mining	National Conference on "Paradigm Shift from Developing to Developed India through-Digitalization at MSI on 28-29 July 2017. ISBN: 978-93-86238-24-5	National	MSI	28 th -29 th July 2017
7	Security Issues and their solutions in Cloud Computing	National Conference on "Paradigm Shift from Developing to Developed India through-Digitalization at MSI on 28-29 July 2017. ISBN: 978-93-86238-24-5	National	MSI	28 th -29 th July 2017
8	Digital Marketing an Insight	National Conference on "Paradigm Shift from Developing to Developed India through-Digitalization at MSI on 28-29 July 2017.	National	MSI	28 th -29 th July 2017
9	Election Prediction Model using Social Media Input,	11th National Symposium of Gwalior Academy of Mathematical Sciences, Theme-Big Data Analytics, 6-7 July 2017.	National	Gwalior Academy of Mathematical Sciences	6 th - 7 th July 2017
10	A novel approach web page filtering for kids.	4th International Conference on "Computing for Sustainable Global Development", 01st - 03rd March, 2017	International	BVICAM, Delhi	1 st - 3 rd March 2017
11	Machine Learning	National Conference on "Innovation in IT,	National	MSI	March

	Techniques for Comparing feature selection techniques in Text Classification	Management & Education Towards Digital India Initiative".			2015
12	Entropy based content filtering for Mobile Web Page Adaptation,	Proceeding WCI '15 Proceedings of the Third International Symposium on Women in Computing and Informatics. Pages 588-594 , ACM New York, NY, USA. ISBN: 978-1-4503-3361-0	International, Scopus Indexed	Women in Computing and Informatics, Kochi India	Aug 2015
13	Improving Web Page Classification by Noise Removal,	National Conference on Innovative Trends in Information Processing and Management pp-19-24. ISBN: 978-93-83083-54-1	National	MSI	March 2014
14	Improving Web Data Extraction by Noise Removal, published in IEEExplore , pp-180-187	International Conference - ITC 2013, doi 10.1049/cp.2013.2241 . ISBN: 978-1-84919-842-4	International, Scopus Indexed	Chandigarh, India	2013
15	Web Information Retrieval – Top Down Approach, 9 March 2013,	National Conference Current Scenario & Emerging Trends in Information Technology Pp 47-51, ISBN :978-93-82339-06-9	National	MSI	March 2013

11. Books and Journals Published/Edited:

S No.	Title of Book/Journal	Publisher	National/ International	Volume and Issue no. (in case of journal)	Year of Publication
1					
2					
3					
4					

12. Book Chapters in National and International Books

S No.	Title of Chapter (Page No.)	Name of Book	National/ International	Year of Publication
1	Chapter 9: Basics of System Design	BLOCK 3 Object Oriented Design, Indira Gandhi National Open University School of Computer and Information Sciences	National	July 2022
2	Front End Design Tools	JSR Publication	National	Second Edition ISBN No. 978-93-87684-24-9, 2020
3	Object-Oriented Programming Using C++,	I.K. International Publishers. New Delhi, India, distributed by Wiley Publishers.	International	ISBN :978-93-86768-27-8, 2019
4	Front End Design Tools	JSR Publication	National	First Edition ISBN No. 978-93-87684-24-9, 2019
5	Learning Visual Basic.Net Programming (Front End Design Tool)	Galgotia Publication	National	ISBN: 978-93-86184-55-9, 2017

13. Patent / Copyright :

S No.	Title of Patent/Copyright	Applicants	Patent /copyright number and Year
1	"Smart Weather Monitoring And Predicting Device",	Application Number: 422631-001, Cbr Number: 211987, Cbr Date: 08/07/2024 18:05:53 ,	Design Accepted And Published, Journal No Is 42/2024 And Journal Date Is 18/10/2024

14. Sponsored Project/Consultancy :

S No.	Title of Project/Consultancy	Applicants	Sanctioned Amount	Sponsoring Agency	Duration of the project specifying the date of sanctioning

15. Research Scholars (M.Tech/ M.Phil/Ph.D. Thesis Supervised) : None

S. No.	Full Name of the student	Title of Thesis	Name of the host University	Year of Awarded	Supervisor/ Co-supervisor

16. Membership of Professional Bodies : None

S No.	Name of the Professional Body	Member/Fellow (Membership No.)	Remarks
1	Computer Society of India,	Individual Member	
2	Internet Society (ISOC)	Global Member	