## Faculty Profile

| Title | Dr. | First Name | Neelam | Last Name | Dabas | Photograph |
|---|---|---|---|---|---|---|
| **Designation** | | Assistant Professor | | | | *Kindly insert your Photograph* |
| **Department** | | Computer Science | | | | |
| **Address** | | Department of Computer Science Shyam Lal College University of Delhi | | | | |
| **Email** | | ndabascs@shyamlal.du.ac.in | | | | |
| **Web-Page** | | | | | | |

### Educational Qualification

| Degree | Subject | University/ College/Institution | Year |
|---|---|---|---|
| B.Sc. | Computer Science | University of Delhi | 2004 |
| M.C.A. | Computer Applications | Banasthali Vidyapith | 2007 |
| Ph.D | | University of Delhi | 2019 |
| | | | |

### Experience

| | Name of the University/College/ Institute/Organisation | Designation & Status (Permanent/Ad-hoc) | From | To | Effective time period |
|---|---|---|---|---|---|
| Teaching | Shyam Lal College, University of Delhi | Assistant Professor/ Permanent | March 2023 | Till Date | |
| | Shyam Lal College, University of Delhi | Assistant Professor/ Adhoc | January, 2017 | March, 2023 | |
| | Hansraj College, University of Delhi | Assistant Professor/ Adhoc | July 2016 | January, 2017 | |
| | Shaheed Sukhdev College of Business Studies, University of Delhi | Assistant Professor/ Adhoc | January 2016 | April 2016 | |
| | Shivaji College, University of Delhi | Assistant Professor/ Adhoc | January, 2015 | October 2015 | |
| | Kirori Mal college, University of Delhi | Assistant Professor/ Guest | July, 2012 | November, 2012 | |
| | Siri Fort College of Computer Technology & Management, University of Delhi | Assistant Professor/ Adhoc | August, 2011 | May, 2012 | |
| | HCL Technologies | Lead Engineer | July, 2007 | August, 2011 | |
| Research/ Corporate | | | | | |
| Consultancy | | | | | |

### Teaching-Learning Process (Academic Year 2022-23 Onwards)

| Are You using | If yes, please give the details below: |
|---|---|

| ICT (LMS, E-Resources)? | | |
|---|---|---|
| | Name | Total Numbers |
| E-Resources | | |
| Techniques and Platforms | | |
| | | |

## Career Advancement and Contribution to College Corporate Life (2022-23 Onwards)

| | Name of the Committee/ Centre/ Society/ Cell | Designation | From | To |
|---|---|---|---|---|
| Convenor/Member of Committees | | | | |
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| Any Other Administrative Responsibility (Bursar, Coordinator, Superintendent etc.) | | | | |
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## Areas of Interest/Specialisation

| S.No. | Areas of Interest/ Specialisation |
|---|---|
| 1 | Information Security |
| 2 | Artificial Intelligence |
| | |

## Subjects Taught

| S.No. | Subject | S.No. | Subject |
|---|---|---|---|
| 1. | Data Structures using C++ | 4. | Database Management System |
| 2. | Computer System Architecture | 5. | Python |
| 3. | Operating System | 6. | Data Analysis and Visualization using Python |
| | | | |

## Publications: Citation Index in Scopus/Web of Science or Pub Med/ Indian Citation Index

| Title of Paper | Name of the Author | Title of the Journal | Year of Publication | Citation Index | h-Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self-citations | Impact factor, if any |
|---|---|---|---|---|---|---|---|---|
| Online Sequential Extreme Learning Machine for watermarking in DWT domain | Ram Pal Singh, Neelam Dabas, Vikash Chaudhary, Nagendra | Neurocomputing | 2014 | | | University of Delhi | | |
| A Novel Blind Digital Watermarking based on SVD and Online | Neelam Dabas, Ram Pal Singh, Vikash | International journal of advanc | 2017 | | | University of Delhi | | |

| Title | Author | Journal | Year | | | University | |
|---|---|---|---|---|---|---|---|
| Sequential Extreme Learning Machine | Chaudhary | ed research in computer science | | | | | |
| Novel Blind Digital Watermarking based on SVD and Extreme Learning Machine | Neelam Dabas, Ram Pal Singh, Geetanjali Kher, Vikash Chaudhary | Oriental Journal of Computer Science and Technology | 2017 | | | University of Delhi | |
| ELM-Kernel and Reduced Kernel ELM based watermarking scheme | Neelam Dabas, Ram Pal Singh | Journal of Information Security and Applications | 2019 | | | University of Delhi | |
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**Books and Chapters in Edited Volumes/Books published, and papers in National /International conference Proceeding per teacher during the Year**

| Title of Book/Paper/ Book Chapter | Publisher | National/International | Year |
|---|---|---|---|
| | | | |
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**Conference/ Seminar/ Symposium/ Workshop/ Presentation**

| Sr. No. | National/ International/state | Topic | Presentation/Attended /Resource Person | Date | Duration | |
|---|---|---|---|---|---|---|
| 1. | International | On Extreme Learning Machine for Watermarking of an Images in Discrete Wavelet Transform Domain | Presented | August 27-29, 2014 | 2 days | *Conferences* |
| 2. | International | Online Sequential Extreme Learning Machine for Watermarking | Presented | December 8-10, 2014 | 2 days | |
| 3. | International | Weighted Extreme | Presented | Septe mber | 2 days | |

| S.No. | | Title | Status | Date | Duration | |
|---|---|---|---|---|---|---|
| | | Learning Machine for Digital Watermarking in DWT Domain | | mber 23-25, 2015 | | |
| 4. | International | A Novel SVD and Online Sequential Extreme Learning Machine Based Watermark Method for Copyright Protection | Presented | July 3-5, 2017 | 2 days | |
| 5. | International | Reminiscence of Zero in Indian Mathematics | Presented | 14-15 July, 2022 | 2 days | |
| 6. | International | An Adaptive Robust Watermarking Scheme Using FDCuT, DCT And SVD | Presented | 8-10 February, 2024 | 3 days | |
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| | | | | | | *Workshops* |
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## Research Projects/ Innovation Projects (Major Grants/Research Collaboration)

| S.No. | Title of the Project | Funding Agency | Status/Output |
|---|---|---|---|
| 1. | Internship Project: An Action based Study to Explore &amp; Connect Select IKS in Contemporary Discourses &amp; Practices | AICTE | Completed |
| | | | |

## Research Guidance (Ph. D./ M. Phil.)

| | No. of Ph.D. Students | No. of M.Phil. Students |
|---|---|---|
| Awarded | | |
| Submitted | | |
| Under Progress | | |

## Fellowships/Awards /Distinctions/Recognitions

| Year of Award | Name of the Fellowship/Award/ Distinction/ Recognition | Designation | Name of the Academic Bodies /Association | International /National/ State |
|---|---|---|---|---|
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## Incentive to the teachers who receive recognition/awards

| State | National | International |
|---|---|---|
| | | |

## Association with the Professional Bodies

| | Name of the Organisation | Year |
|---|---|---|
| Membership | | |
| Any Other | | |

## Development of E-Learning Delivery Process/Material

| S.No. | Title of the Module | Recognized by/Submitted at/ |
|---|---|---|

| | | | | Delivered at any government setup |
|---|---|---|---|---|
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**Refresher/ Orientation Programme/ FDP / Other Specialised Courses**

| S.No. | Topic | Name of the Organiser | Place | Duration and Year |
|---|---|---|---|---|
| 1. | Machine Learning and its Applications-16 | Department of Computer Science, South Asian University | Delhi | April 29-30, 2016 |
| 2. | Workshop on PHP | Delhi University Computer Center | Delhi | December 19-23, 2016 |
| 3. | FDP: Network Science: Foundation of Social Network Analysis | Department of Computer Science, University of Delhi | Delhi | December 3-8, 2018 |
| 4. | FDP: MANAGING ONLINE CLASSES and CO-CREATING MOOCS:2.0 | Teaching Learning Centre, Ramanujan College, University of Delhi, sponsored by MHRD under PMMMNMTT | Delhi | May 18 - June 03, 2020 |
| 5. | Online Induction and Training Program for Faculty in Universities/Colleges/Institutions of Higher Education | Teaching Learning Centre, Ramanujan College | Delhi | 11th January - 9th February, 2021 |
| 6. | Faculty Development Programme on Computer Algebra System and Latex | Shyam Lal College, University of Delhi | Delhi | February 16-17, 2017 |
| 7. | Seminar: Information Security and Understanding Open Source Software Evolution | Shyam Lal College, University of Delhi | Delhi | October 9, 2017 |
| 8. | One week International Winter School "Fostering Collaborative Innovations and Solutions for Sustainable Development | Shyam Lal College, University of Delhi | Delhi | 3 – 7 March, 2018 |
| 9. | One week Faculty Development Programme "Emerging Areas of Engagement in Pedagogy and Research | Shyam Lal college, University of Delhi and National Institute of Educational Planning and Administration | Delhi | 24-30 November 2018 |
| 10. | One week Faculty Development Programme "Advancements in Integrated Sciences: Learning & Adaptation for Effective Teaching and Research" | Shyam Lal college, University of Delhi and UGC- Human Resource Development Centre, Jamia Millia Islamia and CSIR-Institute of Genomics & Integrative Biology | Delhi | 10-16 December 2018 |
| 11. | National Webinar on Tax Summit: How to Maximize Savings in COVID Times | Shyam Lal College, University of Delhi | | 20th June, 2020 |
| 12. | National Webinar on Credibility Crisis in Media amidst | WDC & IQAC , Shyam Lal College | Delhi | 16th June, 2020 |

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|---|---|---|---|---|
| 13. | International Conference on Proactive Governance and Policy Implementations in the times of Covid-19 | IQAC, Shyam Lal College | Delhi | 5th June, 2020 |
| 14. | National Webinar on *Yoga A Holistic approach to Life* | CHD, NSS, Dept. of Physical Education & IQAC | Delhi | 21st June, 2020. |
| 15. | Four Weeks Faculty Induction/Orientation programme | TLR Centre, Ramanujan College, University of Delhi | Delhi | 20$^{th}$ July-18$^{th}$ August, 2022 |

**Declaration**

I do hereby solemnly declare that the information given and the statements made by me are correct and true to the best of my knowledge.

Dr. Neelam Dabas

**Signature with Full Name**