

## CURRICULUM VITAE



Department of Computer Science  
Kanya Gurukula Dehradun  
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Dehradun (Uttarakhand)  
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**DR. SAVITA**

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### ***Personal Details***

<b>FULL NAME:</b>	<b>DR. SAVITA</b>
<b>DEPARTMENT:</b>	Computer Science
<b>FATHER'S NAME:</b>	SH. D.P. SINGH
<b>MARITAL STATUS:</b>	Married

### ***Academic Qualifications***

- Ph.D. (Computer Science and Technology) from **Jawaharlal Nehru University, New Delhi** in August 2020. Thesis Title: A Social Feature Based Routing in Delay Tolerant Networks. Supervisor Name: Prof. D. K. Lobiyal
- M.Tech. (Computer Science and Technology) from **Jawaharlal Nehru University, New Delhi** in 2014. Dissertation Title: Intercontact Routing algorithm using Location Information in Delay Tolerant Networks.
- B. Tech. (Information Technology) from **I.E.T. Lucknow**, in 2004.
- UGC NET Qualified in June 2015
- GATE 2006- 350 SCORE, 686 RANK.

### ***Academic Experience***

- Presently working as **Assistant Professor** in Department of Computer Science at Kanya Gurukula Dehradun, Dehradun [Gurukula Kangri (Deemed to be University), Haridwar] since 02 Nov 2018.
- Worked as **Assistant Professor** in Department of Information Technology at Meerut Institute of Engg. & Technology (MIET), Meerut from 24 July 2017 to 01 Nov 2018.
- Worked as **Sr. Lecturer** in Department of Information Technology at Meerut Institute of Engg. & Technology (MIET), Meerut from 16 Sep 2008 to 29 July 2012.
- Worked as **Lecturer** in Department of Information Technology at Meerut Institute of Engg. & Technology (MIET), Meerut from 18 Jan. 2007 to 15 Sep 2008.

### ***Research Publications***

- Ankita Verma, **Savita**, Sanjiv Kumar “Routing Protocols in Delay Tolerant Networks: Comparative and Empirical Analysis” Journal of wireless personal communications on Jan 2021. doi: 10.1007/s11277-020-08032-4 (**SCI Indexed, Publisher: Springer**) **Impact Factor: 1.671.**
- T. Ramachandran, S. Kumar, **Savita**, “Automatic Control of Electrical Loads Based on the Atmospheric Conditions”, international conference on Advances in Communication and Computational Technology ( 14 August 2020), 879-889.
- **Savita**, D.K. Lobiyal, “Inter-contact delay and location information based routing (ICDLIR) with adaptive threshold buffer management for delay tolerant networks” Journal of International Journal of Information and Communication Technology (IJICT) in Aug 2020. doi: 10.1504/IJICT.2020.110786 (**Scopus, Publisher: Inderscience**)
- **Savita**, D.K. Lobiyal, “Location based contact time energy efficient routing (LCTEE) approach for delay tolerant networks” Journal of wireless personal communications on May, 2019. doi: 10.1007/s11277-019-06543-3(**SCI Indexed, Publisher: Springer**) **Impact Factor: 1.061.**
- **Savita**, D.K. Lobiyal, “Multicopy Energy aware distance and inter-contact delay routing (EDICDR) approach for delay tolerant networks” International Journal of computer network and information security (IJCNIS), Vol.11, No.5, pp.36-42, 2019.DOI: 10.5815/ijcnis.2019.05.05. (**Scopus, Publisher: Modern Education and Computer Science Press**).
- **Savita**, “Energy Efficient Delay Tolerant Routing Protocols: A Comparative Study” IEEE International Conference on Computing Communication and Automation (ICCCA2017) on 05<sup>th</sup>-06<sup>th</sup> May, 2017 at Galgotia University, Greater Noida. [IEEE Conference]
- **Savita**, D.K. Lobiyal, “Location Information and Inter-Contact based Routing approach for Delay Tolerant Networks” International Conference on Recent Trends in Computing (ICRTC-2015) on March, 12-13, 2015 at SRM University, NCR Campus Ghaziabad. [Elsevier Procedia]
- Dimpri Srivastava, Sweta Jain, **Savita**, “Clustering Techniques in Data Mining: Issues and Prospects” National conference on “Emerging Technologies in Computer Science (ETCS-2007)” Sep. 22-23, 2007 at MIET, Meerut.
- **Savita**, Sweta Jain, Anita Sachan, “Encryption Technologies against E-Fraud for Consumer Welfare” National conference on “Consumer Protection & Consumer Welfare” (7-8 March 2008) at MIET, Meerut.
- Amit Bhardwaj, **Savita**, Ajay Singh, “E-commerce and Consumer Concerns” National conference on “Consumer Protection & Consumer Welfare” (7-8 March 2008) at MIET, Meerut.

### **Patents**

- **Savita**, Ankita Verma, Jyoti Singh Kirar. “Machine learning assisted big data analytics system” published by Controller General of Patents, Designs & Trade Marks, Department for Promotion of Industry and Internal Trade, Government of India on Sep. 2021

### **Invited talk as Resource Person/Event Organized**

- Delivered a Lecture titled “Routing in Delay Tolerant Networks” as a **Resource Person** in DST CIMS BHU ACM Student Chapter, **BHU Varanasi** on 17 Aug. 2021.
- Delivered Lectures in “Excel @ Excel” workshop as a **Resource Person** in Kanya Gurukul Campus Dehradun on 15-21 Sep. 2021.
- Acted as a **Co-Convener** in 7-days workshop “Excel @ Excel” workshop by Kanya Gurukul Campus Dehradun on 15-21 Sep. 2021.

- Acted as a **Convener** in the National Webinar entitled “Nature Inspired Computing: Algorithms and Applications” organized by Department of Computer Science, Gurukul Kangri (Deemed to be University), Haridwar on 16 February 2022.
- **Organizing Committee member** in the National Webinar on the occasion of International Women’s Day, 8th March 2022 by Department of Ancient Indian History Culture & Archaeology, KGC, Dehradun.
- **Organizing Committee member** in the National Conference entitled “E-waste Management: Challenges & Opportunities” organized by Department of Computer Science, Gurukul Kangri (Deemed to be University), Haridwar on 24-25 march 2022.
- **Organizing Committee member** in two days’ workshop entitled Wordpress and search engine optimization (SEO) at department of computer science, GKV, Haridwar on 15-16 Feb. 2019.

#### **Refresher Course/FDP/Webinar/Workshop Attended**

- Attended Online Elementary ATAL Faculty development Program on “Computational Foundation for Data Science” from 26-7-2021 to 30-07-2021 at Banaras Hindu University Varanasi. (No. ATAL/2021/1625406161)
- Attended webinar on Latex for Report Writing on 26 June 2021 by DST CIMS BHU ACM Student Chapter, BHU Varanasi.
- Attended Two Week Interdisciplinary Refresher Course/ Faculty development Program for Advance Research Methodology Tools and Techniques from 30 Jan. 2021 to 14 Feb. 2021 and obtained Grade A+ under the aegis of Ministry of Education Pandit Madan Mohan Malviya National Mission on Teachers and Training.
- Attended (online) ATAL Faculty development Program on Cloud Technology from 09-13 Nov. 2020 at Infilbment Centre. (No. ATAL/2020/1604472518)
- Attended webinar on Software Defined Networking (SDN) on 31 Oct. 2020 at Bharti Vidhyapeeth’s Institute of Computer Applications and management, New Delhi.
- Attended online training on Online Education & Teaching Methodologies during 07-10 Aug 2020 at Gurukula Kangri Vishwavidyalaya, Haridwar.
- Attended (online) Faculty development Program on Machine learning & Applications from 18-23 May 2020 at Sagar Institute of Research & Technology, Bhopal.
- Attended UGC Sponsored Orientation Programme at JNU New Delhi on 06-25 Jan. 2020.
- Attended International Conference on International Conference on Computing Communication and Automation (ICCCA2017) on 05-06 May, 2017 at Galgotia’s University, Uttar Pradesh.
- Attended International Conference on Recent Trends in Computing (ICRTC-2015) on March, 12-13, 2015 at SRM University, NCR Campus.
- AICTE-Sponsored *Online* Short-Term Course on “NBA Accreditation” online by NITTTR, Chandigarh during March 10-14, 2016.
- Attended engineering faculty workshop of Wipro Mission 10X at MIT Meerut on 22-24 Dec. 2014.
- AICTE-Sponsored *Online* Short-Term Course on “Computer Network using CCNA through ICT” online by NITTTR, Chandigarh during March 10-14, 2014.
- Attended the National Seminar on TQM in Pedagogy (TQMP), 27<sup>th</sup> May 2008.
- Attended National workshop on Digital image processing conducting on 15-16 Nov. 2008 BIT Muzaffarnagar.
- Attended the National Conference on “Emerging Technologies in Computer Science (ETCS-2007)” Sep. 22-23, 2007 at MIET, Meerut.

### ***Administrative Responsibilities/Member of academic bodies***

- IQAC, Co-ordinator at Kanya Gurukul Campus Dehradun.
- Member of Career Planning Academy at Gurukul Kangri (Deemed to be University), Haridwar.
- Member of NIRF committee at Gurukul Kangri (Deemed to be University), Haridwar.
- Member of Proctorial Board at MIET, Meerut.
- Member of Project Review Committee at MIET, Meerut.
- Worked as a Girls Hostel Warden at MIET, Meerut.

### ***Membership of Professional Bodies***

- Member of International Association of Engineers (IAENG) Membership No.: 113310.
- Member of IACSIT (Membership No. 80341936).
- Senior Member of Universal Association of Computer and Electronics Engineers UACEE with membership ID SNM-1010001211
- Member of Computer Science Teachers Association (CSTA) (Membership No. 8355824).
- Member of Society of Digital Information & Wireless Communication (SDIWC) (ID-13357).
- Life Member of Internet Society of Connect (ISOC) (Membership No. 125883).

**( SAVITA)**