CURRICULUM-VITAE

Dr. Aakash Gupta

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SUMMARY:

Currently working on the post of Dean Accreditations and Head, Computer Science at Gateway Institute of Engineering & Technology, Delhi-NCR, Sonepat (HR). Worked as **Director-Admissions & Placements (Centrally) and Associate Professor** in the department of computer science since 01st April, 2013 to 10th Jan 2025. I have obtained degrees of Bachelor of Engineering (B.E) with Honours, Masters of Technology (M.Tech.) and Doctor of Philosophy (Ph.D) all in Computer Science & Engineering from M.D University, Rohtak, Kurukshetra University, Kurukshetra and K. R. Mangalam University, Gurugram, Haryana, India in 2009, 2012, and 2020 respectively. My interest areas include processing of admission applications by designing and implementing policies that provide prospective students with quality admission services through various modes. My research areas in academics include Software reliability, Software reliability growth models, Data Structure and multi-criteria decision-making optimization techniques. I have published several research papers in reputed Scopus international journals, conferences and guided several Master' degree dissertations. I have the blended (academic + administrative) experience of 15+ years in the field of education.

ACADEMIC QUALIFICATIONS:

Degree	School/Institute	University / Board	Year of passing
Ph.D (CSE)	K. R. Mangalam University, Gurugram	K R Mangalam University, Gurugram	2015-2020
M.Tech (CSE)	Doon Valley Institute Of Engg. & Technology, Karnal	Kurukshetra University. Kurukshetra	2010-2012
B.E.(CSE)	Hindu College Of Engineering Sonipat	M.D.U., Rohtak	2005-2009

XII	Hindu Sr. Sec. School , Sonipat	C.B.S.E	2005

EMPLOYMENT HISTORY:

- **Organization:** Gateway Institute of Engineering & Technology, Sonepat (Haryana, India)
  Position: Director- Admissions from 01/04/2013 to 10th Jan 2025 (11.9 Years)
- **Organization:** Sonipat Institute of Engineering & Management, Sonepat (Haryana, India)
  Position: HOD from 15/07/2009 to 31/03/2013 (3 years 8 months)

RESPONSIBILITIES HELD:

Admissions & Marketing Responsibilities:

- Worked closely with the Board of Governors to develop a comprehensive strategic plan for marketing and student recruiting.
- Affirmed the effective processing of admission applications by designing and implementing policies that provide prospective students with quality admission services.
- Developed a strong presence among stakeholders to generate interest and word-of-mouth for Gateway Education through tied with Educational consultants and online educational portals such as College Dunia, College Dekho, Shiksha, GetMyUni, Career360 and Sarvgyan.com which connects education seekers with education providers, at the same time offering information about colleges, courses, entrance exam details, changes in exam pattern, scholarships and all related topics.
- Invited school principals, teachers, coordinators, and industry professionals to the campus for relation building.
- Familiar with Google AdWords campaigns, Facebook campaigns, Bulk SMS portals, Bulk Emailer portals, and CRM technologies.
- Participated in school-based career counseling events and educational fairs in India and Nepal.
- Managed the development of all marketing/ promotional items such as Prospectus, Information Booklets, leaflets, Admission/Enquiry forms and corporate gifts.

Academic Responsibilities:

- Active member of the Research and Development Cell at Gateway Institute of Engineering & Technology.
- Head of Department- CSE in Sonipat Institute of Engineering & Management during Jan 2012 – March 2013.
- Sessional In-charge in Sonipat Institute of Engineering & Management, Sonepat during Jan 2012 – March 2013.
- Center Superintendent, Bharat Institute of Technology, Sonepat during May 2012.

- Time-Table In-charge in Sonipat Institute of Engineering & Management, Sonepat during July 2009 – July 2010.
- Member, External Practical Panel list, Maharishi Dayanand University, Rohtak.

Administrative Responsibilities:

- Director, Admission & Outreach Department, Gateway Education, Sonepat
- Managing Committee Member, Haryana's Biggest Industry Academia Meet (IAM) **2020** held at Gateway Education, Sonepat on 03rd Dec to 05th Dec, **2020.**
- Managing Committee Member, Haryana's Biggest Industry Academia Meet (IAM) 2019 held at Gateway Education, Sonepat on February 16, **2019**.
- Volunteered at Voice of Unity held at Gateway Education, Sonepat on November 20**, 2018.**

RESEARCH PUBLICATIONS:

I. SCOPUS INDEXED JOURNALS:

- Divya, Parveen Sehgal, and **Aakash Gupta**. "Parametric Selection and Ranking of E-Learning Websites Using CoDAS Technique." Recent Patents on Engineering 19.9 (**2025**): E18722121344808.
- Divya, Parveen Sehgal, and **Aakash Gupta**. "Selection and Ranking of E-Learning Websites using MCDM based EDAS Technique." International Journal of Intelligent Systems and Applications in Engineering IJISAE, 12(4), pp 5742-5751, **2024** ISSN: 2147-6799
- Rakesh Garg, Supriya Raheja, **Aakash Gupta**, and Geetika Munjal. "A Multi-Criteria Decision Support System for the Assessment of Cities based on Air Quality Indicators." International Journal of Information and Decision Science, Vol. 15, no. 2, pp 148-167, **2023**, ISSN: 1756-7025.
- **Aakash Gupta**, and Mohit Bansal. "Evaluation and Ranking of E-Government Websites Using Weighted-Combinative Distance-Based Assessment Approach." International Journal of Software Innovation, Vol 10, no. 1, pp 1-15, **2022**, DOI: 10.4018/IJSI.309729
- **Aakash Gupta**, Rakesh Garg. "A Multi-Criteria Decision Making Approach for Optimal Selection of Software Reliability Growth Models." International Journal of Reliability and Safety, Vol. 15, No. 3, pp 141-153, **2021**, DOI: 10.1504/IJRS.2021.123269
- **Aakash Gupta,** Neeraj Gupta, and Ramesh Kumar Garg. "Implementing weighted entropy-distance based approach for the selection of software reliability growth models." International Journal of Computer Applications in Technology, Vol. 57, no. 3, pp255-266, **2018,** ISSN: 0952-8091, DOI: 10.1504/IJCAT.2018.092990

II. SCOPUS INDEXED CONFERENCES:

- Divya, Parveen Sehgal and **Aakash Gupta,** "Review Analysis of E-Learning Websites Selection and Ranking Methodologies," 2022 8th International Conference on Signal

Processing and Communication (ICSC), Noida, India, pp. 485-490, **2022** DOI: 10.1109/ICSC56524.2022.10009392, **IEEE**, ISSN:2643-4458

- **Aakash Gupta**, Neeraj Gupta, Rakesh Garg, and Ramesh Kumar. "Analysis of software reliability models for reliability estimation." In 2019 9th International Conference on Cloud Computing, Data Science & Engineering (Confluence), pp. 355-358, **2019**, DOI: 10.1109/CONFLUENCE.2019.8776987, **IEEE**.
- **Aakash Gupta**, Neeraj Gupta, Rakesh Garg, and Ramesh Kumar. "Evaluation, selection, and ranking of software reliability growth models using multi-criteria decision making approach." In 2018 4th International Conference on Computing Communication and Automation (ICCCA), pp. 1-8, **2018**, DOI: 10.1109/CCAA.2018.8777644, **IEEE.** ISSN: 2642-7354

III. INTERNATIONAL JOURNALS:

- Divya, Anil Arora, and **Aakash Gupta**. "Effectively Scheduling User Request in Cloud Environment." International Journal of Modern Communication Technologies and Research, Vol 6, no. 2, **2018**, ISSN: 2321-0850
- **Aakash Gupta**, Pradeep Singla, Jitendra Gupta, and Nitin Maheshwari. "An improved structure of reversible adder and subtractor", International Journal of Electronics and Computer Science Engineering, Vol 2, no. 2, pp 712-718, **2013**, ISSN: 2277-1956

IV. NATIONAL CONFERENCES:

- Vehicle Speed Detection through Video Processing in National Conference on Advances in Computing, Communication & Information organized by Gateway Institute of Engineering & Technology, Sonipat, Haryana, March 13, **2015**.
- Network Security: A Mystery in National Conference on Advances in Computing, Communication & Information organized by Gateway Institute of Engineering & Technology, Sonipat, Haryana, March 13, **2015.**
- A Survey on Association Algorithms in Data Mining in National Conference on Advances in Computing, Communication & Information organized by Gateway Institute of Engineering & Technology, Sonipat, Haryana, March 13, **2015.**
- An Optimized Design of Reversible Sequential Digital Circuits in National Conference on Emerging Trends in Computer Science and Communication Technology organized by ANA Group of Institutions, Bareilly, UP, April 06, **2013.**

INVITED LECTURES / RESOURCE PERSON/ PAPER PRESENTATION IN SEMINARS/ CONFERENCES:

- Contributed as a **Reviewer** to the International Conference on Intelligent Systems: Approaches, Technologies and Network (ICIS-23) organized by PIET on **4-5 December 2023.**
- **Presented** a Research Paper titled "E-Learning Websites Selection and Ranking using

Multi-Criteria Decision-Making Methodology" at the International Conference on Advancements and Key Challenges in Green Energy and Computing (AKGEC 2023) organized by Ajay Kumar Garg Engineering College, Ghaziabad on **24th – 25th February 2023.**

- Delivered lecture as a **Resource Person** in the Faculty Development Program "Research Methodology and Publication Ethics" organized by IMS Engineering College, Ghaziabad on **1st Feb 2023.**

PROFESSIONAL TRAINING:

- **Ph.D guidance:** Guiding one scholar as Co-supervisor
- **M.Tech. Guidance:** Guided Seven scholars as Supervisor
- Attended a Faculty Development Program on "Artificial Intelligence and Machine Learning: Need of an hour" organized by K R Mangalam University, Gurugram from July 26-30, **2021.**
- Attended AICTE sponsored Faculty Development Programme on "Multi-Criteria Decision Making: Methods and Applications" organized by the Mechanical Engineering Department, DCR University of Sc. & Technology, Murthal, Sonepat from December 30, 2019 to January 10, **2020.**
- Attended TEQIP-III sponsored Faculty Development Programme on "Emerging Trends in Optical for All Domain Applications (ETODA-19)" organized by the Department of Electronics and Communication, DCR University of Sc. & Technology, Murthal, Sonepat from March 11, 2019 to March 15, **2019.**
- Attended AICTE sponsored Faculty Development Programme on "Moral values, Ethics, Behavioral Science & Attitude" held at Gateway Institute of Engineering & Technology, Sonipat from December 18, 2017 to December 29, **2017.**
- Participated in a Workshop on "Virtual- Labs" held at Hindu College of Engineering, Sonepat organized by IIT Delhi on April 25, **2017.**
- Attended TEQIP sponsored Faculty Development Programme on "Multi-Criteria Decision Making Methods and Analysis" held at DCR University of Sc. & Technology, Murthal, Sonepat from September 09, 2016 to September 13, **2016.**

PERSONAL DETAILS:

Date of birth	:	25th December, 1987
Father's Name	:	Sh. Narain Dass
Marital Status	:	Married
Address	:	H No. 238, Sector 13, Sonipat (HR)
Nationality	:	Indian

I hereby declare that the information stated above is true to the best of my knowledge.

Place: Sonepat
Dated: 24-04-2025   **(DR. AAKASH GUPTA)**