BIO-DATA

1. Name and full correspondence address: Dr. Komal Naaz, R&D Building, Department of Computer Science & Engineering, Birla Institute of Technology, Mesra, Ranchi, 835215.

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3. Affiliation: Assistant Professor, Department of Computer Science and Engineering, Birla Institute of Technology Mesra

4. Date of Birth: 12th September, 1994

5. Gender (M/F/T): F

6. Academic Qualification (Undergraduate Onwards)

	Degree	Year	Subject	University/Institution	% of marks
1.	BTech.	2017	Computer Science Engineering	Kalinga Institute of Industrial Technology	86.8%
2.	MTech	2021	Computer Science & Engineering	Birla Institute of Technology Mesra	93.1%
3.	PhD	2024	Computer Science & Engineering	Birla Institute of Technology Mesra	94.6%

7. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.

   Guide: Dr. Niraj Kumar Singh, Assistant Professor, BIT Mesra

   Title: A Computational Approach Towards Analysis and Classification of Hindi Poetry.

   Institute: Birla Institute of Technology Mesra

   Year of Award: 2024

8. Work experience (in chronological order).

S.No.	Positions held	Name of the Institute	From	To
1	Assistant Professor	Kalinga Institute of Industrial Technology	02-02-2024	31-11-2024
2	Assistant Professor	Birla Institute of Technology Mesra	05-12-2024	Ongoing

9. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

S.No	Name of Award	Awarding Agency	Year
1	GATE Scholarship	AICTE	2019-2021
2	Institute Research Fellowship	Birla Institute of Technology Mesra	2021-2024

10. Publications *(List of papers published in SCI Journals, in year wise descending order).*

S.No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	NK Singh, K Naaz, R Aryan	Can Rhyme Consistency Score be used as a Feature in Stylistics? A Statistical Endeavour with Hindi Poetry	ACM Transactions on Asian and Low-Resource Language Information Processing	23/11	1-20	2024
2.	K Naaz, NK Singh, S Chakraborty	*Komala* and *Kaṭhora*: A Novel Approach Towards Classification of Hindi Poetry	ACM Transactions on Asian and Low-Resource Language Information Processing	22/6	1-13	2023
3.	K Naaz, NK Singh	A learning approach towards metre-based classification of similar Hindi poems using proposed two-level data transformation	Digital Scholarship in Humanities (Oxford)	38/3	1166-1182	2023
4.	K Naaz, NK Singh	A seminatural approach towards restoration, classification, and pattern extraction from heritage Hindi poetry: A probabilistic case study with Dohā chanda	Digital Scholarship in Humanities (Oxford)	38/4	1613-1635	2023
5.	K Naaz, N K Singh	Design and development of computational tools for analyzing elements of Hindi poetry	IEEE Access	10	97733-97747	2022

11. Detail of patents.

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1	A Digital Hindi Literary Critic Device and Method Thereof	Birla Institute of Technology Mesra	202431039960	31/05/2024	India	Published

I qualified GATE in the year 2019 and completed a six-month internship at Intel India Ltd. from January to June 2021. Later that year, I joined BIT Mesra as an Institute Research Fellow. In 2024, after 2.5 years of Ph.D. studies, I presented my thesis and subsequently joined KIIT University. My Ph.D. was conferred in November 2024, following which I joined BIT Mesra as an Assistant Professor. Along with my advisor, I proposed and established the Center of Excellence named the *Centre for Computational Poetics* at BIT Mesra—the first of its kind. I have a strong passion for research and innovation, with expertise in both areas. I have research project experience from the seed money grant received by the home institute.