Aakash Singh
Doctoral Research Scholar
Department of Computer Science (CS)
Banaras Hindu University, Varanasi
Mob: 9044444784, Email: aakash.singh10@bhu.ac.in

www.AakashSingh.co.in

EDUCATIONAL QUALIFICATIONS:

Degree	University/Board	Year of Passing	%/CGPA	
Ph.D. (CS)	B.H.U.	Ongoing	-	-
M.Sc. (CS)	B.H.U.	2017	9.09	**Gold Medal**
B.Sc. Hons. (CS)	B.H.U.	2015	8.8	**Distinction**
XII	CBSE	2012	81.00	**Distinction**
X	CBSE	2010	9.4	**Distinction**

RESEARCH WORKS

1) Artificial intelligence for Sustainable Development Goals: Bibliometric patterns and concept evolution trajectories (2023) **(Sustainable Development, Wiley IF: 12.5)**

2) A hybrid transformer–sequencer approach for age and gender classification from in-wild facial images (2023) **(Neural Computing and Applications, Springer IF: 6.0)**

3) Towards a large sized curated and annotated corpus for discriminating between human written and AI generated texts: *A case study of text sourced from Wikipedia and ChatGPT* (2023) **(Natural Language Processing Journal, Elsevier)**

4) Research Collaboration: Characterizing the global trends during the last five decades (2023) **(Poster, Science Technology & Innovation Conference)**

5) Indian Science Reports: a web-based scientometric portal for mapping Indian research competencies at overall and institutional levels (2022) **(Scientometrics, Springer IF: 3.9)**

6) Research on Sustainable Development Goals: How has Indian Scientific Community Responded? (2022) **(Journal of Scientific & Industrial Research, NISCPR IF: 0.67)**

7) Exploring Deep Learning Methods for Classification of Synthetic Aperture Radar Images: Towards NextGen Convolutions via Transformers (2022) **(International Conference on Advanced Network Technologies and Intelligent Computing, CCIS, Springer)**

WORK EXPERIENCES:

Senior Technical Assistant 'B', DRDO (Sep. 2017 – Mar. 2021):
- Gained multi-stranded experience during the tenure and was posted in Information Technology Group.
- Primary duties included Web application development to upkeep the office automation (eGov).
- Duties also included Database, Network, and Server administration and supervision.
- Discharged additional administrative duties including Safety official, SwatchBharat mission supervisor, and promoter of Rajbhasha.
- Developed good interpersonal skills by working closely with admin and accounts staff to address their automation need.
- Skillset: Automation**,** C#, ASP.NET, ASP, VB Script, MS SQL server

PROJECT WORKS:

1) AI-based predictive analytics of visitors to Public Places and its applications for better People Management.
   MeitY (JRF) (2021 – 2024)
   Skillset: Computer Vision, Python, TensorFlow, OpenCV, Technical writing

2) Computational Analysis of the Structure and Dynamics of Scholarly Networks.
   M.Sc. Major Project (2017)
   Skillset: Scientometrics, Python, MySQL

3) Design and Analysis of PageRank Algorithm under Map-Reduce Framework.
   M.Sc. Minor Project (2016)
   Skillset: HDFS, Python, Linux

4) Web Development on Topic "Varanasi Tourism".
   B.Sc., Project (2015)
   Skillset: Web Development, JSP, JavaScript, CSS, HTML, Oracle 10G

FIELD OF INTEREST, SKILLS AND TECHNOLOGIES

- Data Analytics, Deep Learning, Computer Vision, Web development, Web scraping
- Python, SQL, MQL, HTML, CSS, JavaScript, jQuery, C#, ASP.NET
- MongoDB, MS SQL Server, MySQL, Neo4J
- Technical Writing and Presentation

ACADEMIC GROUPS & MEMBERSHIPS:

1) International Society for Scientometrics & Informetrics (ISSI) **(2022 onwards):** www.issi-society.org
2) Indian Science Reports **(2022 onwards):** www.indianscience.net
3) Text Analytics **(2022 onwards):** www.textanalytics.in

AWARDS AND CERTIFICATIONS

1) BHU Gold medal for securing highest marks in M.Sc.
2) Dr. Awadh & Savitri Pandey Gold medal for securing the highest marks in M.Sc. & MCA combined
3) UGC NET 2018
4) ASRB NET 2018
5) GATE 2018
6) Web Development course certifications: 3
7) Artificial Intelligence, Data Analytics & Deep Learning course certifications: 12

PERSONAL PROFILE:

- **Mobile:** +91-9740189315, 9044444784
- **Email:** aakash10694@gmail.com, aakash.singh10@bhu.ac.in
- **Website:** www.AakashSingh.co.in
- **Supervisor's Name:** Prof. Vivek Kumar Singh (University of Delhi)
- **Father's Name:** Shri Rakesh Kumar Singh
- **Home Town:** Varanasi, UP-221002
- **Languages known:** English, Hindi
- **Date of Birth:** 01/June/1994