



TO THE RECTOR OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE A022

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Department of Historical Studies "Federico Chabod"**

Scientist- in - charge: **Prof. Aslan Sinem**

Kanak Manjari

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Manjari
Name	Kanak

PRESENT OCCUPATION

Appointment	Structure
AI Lead	Velotech AI BV
Computer Vision Data Scientist	Kosa AI BV

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
PhD	Computer science and engineering	Bennett University	2023
Degree of medical specialization			
Master Degree	Computer Science	Birla Institute of technology, Mesra	2015
Master			
Degree of European specialization			
B.Tech	Information Technology	Govt WOMens engineering college, Ajmere	2013



FOREIGN LANGUAGES

Languages	level of knowledge
English	proficient

TRAINING OR RESEARCH ACTIVITY

I have 6 years of experience in research and development in the field of artificial intelligence. My experience includes deep learning, computer vision, assistive development, edge computing, generative AI.

PATENTS

Patent
Patent Title: "System and Method for Aiding Visually Impaired person". Inventor/Applicant: K. Manjari, M. Verma and G. Singal Publication Date: June 26, 2020 Application Number: 202011024622

PUBLICATIONS

Book Chapters
Manjari, Kanak, Madhushi Verma, and Gaurav Singal. "A smart hand for VI: Resource-constrained assistive technology for visually impaired." <i>IoT-Based Data Analytics for the Healthcare Industry</i> . Academic Press, 2021. 225-235.
Manjari, Kanak, et al. "AnimNet: An Animal Classification Network using Deep Learning." <i>Machine Learning Algorithms and Applications</i> (2021): 247-265.

Journals
Manjari, Kanak, Madhushi Verma, and Gaurav Singal. "A survey on assistive technology for visually impaired." <i>Internet of Things</i> 11 (2020): 100188
Manjari, Kanak, Madhushi Verma, and Gaurav Singal. "Catalysing Assistive Solutions by Deploying Light-Weight Deep Learning Model on Edge Devices." <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , Taylor and Francis, (2021)
Manjari, Kanak, Madhushi Verma, and Gaurav Singal. "QAOVDetect: A Novel Syllogistic Model with Quantized and Anchor Optimized Approach to Assist Visually Impaired for Animal Detection using 3D Vision." <i>Cognitive Computation</i> , Springer, (2022)
Manjari, Kanak, Madhushi Verma, and Gaurav Singal. "QEST: Quantized and Efficient Scene Text Detector using Deep Learning." <i>Transactions on Asian and Low-Resource Language Information Processing</i> , ACM (2021)

Conferences
Manjari, Kanak, Madhushi Verma, and Gaurav Singal. "A Travel Aid for Visually Impaired: R-Cane." <i>International Conference on Smart City and Informatization</i> . Springer, Singapore, 2019.



Manjari, Kanak, Madhushi Verma, and Gaurav Singal. "CREATION: Computational ConstRained Travel Aid for Object Detection in Outdoor eNvironment." *2019 15th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS)*. IEEE, 2019.

[title, structure, place, year]

OTHER INFORMATION

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that **CV WILL BE PUBLISHED** on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: Netherlands, 19.12.2024