UNIVERSITÀ DEGLI STUDI DI MILANO

TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO   ID CODE __5687____

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Informatica "Giovanni degli Antoni" dell'Università degli Studi di Milano**

Scientist- in – charge: **Dr. Claudia Bettini**

Priyankar Choudhary

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Choudhary
Name	Priyankar

PRESENT OCCUPATION

Appointment	Structure
None	**None**

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree			
Specialization			
PhD	Computer Science Engineering	IIT Ropar	March 10, 2023
Master	Computer Science Engineering	LNMIIT Jaipur	July 2017
Degree of medical specialization	**None**	**None**	**None**
Degree of European specialization	**None**	**None**	**None**
Other	B.Tech (Information Technology)	University College of Engineering Kota	July 2014

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
10/07/2017 - 15/12/2017	**Nagarro Enterprise Services Pvt. Ltd.**	**Gurgaon, India**
01/06/2017-30/ 06/2017	**Applicate IT Solutions Pvt. Ltd.**	**Gurgaon, India**

FOREIGN LANGUAGES

Languages	level of knowledge
English	Expert

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
January 2023	Invited talk at IEEE APSCON 2023
July 2022	India-Dalhousie Student Research Symposium (Dalhousie University)

TRAINING OR RESEARCH ACTIVITY

description of activity: **Attached**

PROJECT ACTIVITY

Year	Project
Jan. 2018 - Dec. 2022	Device-free Surveillance using Non-imaging Sensors in a Sparsely Populated Outdoor Environment
July 2015- July 2017	Efficient Multi Criteria Recommender Systems

PATENTS

Patent : None

CONGRESSES AND SEMINARS

Date	Title	Place
Dec. 2022	IndoML 2022	IIT Gandhinagar, India
Nov. 2022	CVIP 2022	VNIT Nagpur, India
2019	Statistical Techniques for AI and Data Science	IIT Ropar

PUBLICATIONS

Books: **None**

Articles (Journals) in reviews

(1)Ukiey A, Bedi A, Choudhary P, Saini M. A highly robust deep learning technique for overlap detection using audio fingerprinting (Submitted to Multimedia Tools and Applications, Springer)

(2) Kumari P, Choudhary P, Atrey P, Saini M. Concept Drift Challenge in Multimedia Anomaly Detection: A Case Study with Facial Datasets (submitted to Signal Processing: Image Communication, Springer)

Articles/Journals Accepted

Choudhary P, Goel N, Saini M. A Survey on Seismic Sensor based Target Detection, Localization, Identification, and Activity Recognition, ACM Computing Surveys. 2023 Feb;55(11):22817-27 Impact Factor: 14.32, H-Index: 172.

Choudhary P, Kumari P, Goel N, Saini M. An Audio-Seismic Fusion Framework for Human Activity Recognition in an Outdoor Environment. IEEE Sensors Journal. 2022 Sep. 27;22(23):22817-27 Impact Factor: 4.32, H-Index: 132,.

Choudhary P, Goel N, Saini M. A Fingerprinting based Audio-Seismic Systems for Human Target Localization in an Outdoor Environment using Regression. IEEE Sensors Journal. 2022 Feb 25;22(8):7944-60 Impact Factor: 4.32, H-Index: 132.

Singh M, Choudhary P, Bedi A, Yadav S, Chhabara R. Compressive Strength Estimation of Waste Marble Powder Incorporated Concrete Using Regression Modelling. MDPI Coatings. 2023 Dec. 26;13(1):66 Impact Factor: 3.12, H-Index: 48.

Congress proceedings

Bhatt R, Singh S, Choudhary P, Saini M. An Experimental Study of the Concept Drift Challenge in Farm Intrusion Detection using Audio. In proceedings of 18$_{th}$ IEEE International Conference on Advanced Video and Signal Based Surveillance (AVSS) 2022 Nov 29 (pp. 1-8). IEEE.

Choudhary P., Kumari P., Goel N. and Saini M. Low-Intensity Human Activity Recognition Framework using Audio Data in an Outdoor Environment. In proceedings of 7$_{th}$ International Conference on Computer Vision and Image Processing 2023. Springer, Cham (accepted on September 30, 2022).

Singhal G, Choudhary P, Abhishek V, Sweety S, Subramanian S, Goel N. Cattle Collar: An End-to-End Multi-Model Framework for Cattle Monitoring. In proceedings of 5$_{th}$ International Conference on Multimedia Information Processing and Retrieval (MIPR) 2022 Aug. 2 (pp. 401-407). IEEE.

Choudhary P, Goel N, Saini M. A Seismic Sensor based Human Activity Recognition Framework using Deep Learning. In proceedings of 17$_{th}$ IEEE International Conference on Advanced Video and Signal Based Surveillance (AVSS) 2021 Nov. 16 (pp. 1-8).

Choudhary P, Goel N, Saini M. Event Detection and Localization for Sparsely Populated Outdoor Environment Using Seismic Sensor. In proceedings of IEEE 6$_{th}$ International Conference on Multimedia Big Data (BigMM) 2020 Sep. 24 (pp. 346-350).

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Choudhary P, Goel N, Saini M. A multimedia based movie style model. In proceedings of IEEE International Conference on Multimedia & Expo Workshops (ICMEW) 2019 July 8 (pp. 72-77).

Choudhary P, Kant V, Dwivedi P. A particle swarm optimization approach to multi criteria recommender system utilizing effective similarity measures. In Proceedings of 9_{th} International Conference on Machine Learning and Computing 2017 Feb. 24 (pp. 81-85).

Choudhary P, Kant V, Dwivedi P. Handling natural noise in multi criteria recommender system utiliz- ing effective similarity measure and particle swarm optimization. In Proceedings of Procedia computer science. 2017 Jan 1;115:853-62

OTHER INFORMATION

None

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.

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Place and date: India, Mar 16, 2023