Academic Profile

Dr. Manoj Sharma

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Professional Summary:

➢ Having more than 20 years of teaching and research experience.

➢ Presently Working as Assistant Professor in ECE at GZSCCET, Maharaja Ranjit Singh Punjab Technical University, Bathinda from 28 September 2016.

Educational and Professional Qualifications:

➢ Ph.D. in Electronics & Communication Engineering.

➢ M.E in Electronics & Communication Engineering.

➢ B.E in Electronics & Communication Engineering.

Publications (5 Major Publications): More than 50 publications in peer reviewed journals and conferences.

➢ Sharma M, Kumar N, Sharma S, Jangra V, Mehandia S, Kumar S, Kumar P. Assessment of Fine Particulate Matter for Port City of Eastern Peninsular India Using Gradient Boosting Machine Learning Model. *Atmosphere*. 2022; 13(5):743. https://doi.org/10.3390/atmos13050743.

➢ Naresh Kumar, Manoj Sharma*, Vijay Pal Singh, Charanjeet Madan, Seema Mehandia, An empirical study of handcrafted and dense feature extraction techniques for lung and colon cancer classification from histopathological images, *Biomedical Signal Processing and Control,* Volume 75, 2022, 103596,https://doi.org/10.1016/j.bspc.2022.103596.

➢ Sharma, M., Kumar, N. Improved hepatocellular carcinoma fatality prognosis using ensemble learning approach. *J Ambient Intell Human Comput* (2021). https://doi.org/10.1007/s12652-021-03256-z.

➢ Sharma, M., Monika, Kumar, N. et al. Badminton match outcome prediction model using Naïve Bayes and Feature Weighting technique. *J Ambient Intell Human Comput* 12, 8441–8455 (2021). https://doi.org/10.1007/s12652-020-02578-8

➢ Sharma, M. Cervical cancer prognosis using genetic algorithm and adaptive boosting approach. *Health Technol.* 9, 877–886 (2019). https://doi.org/10.1007/s12553-019-00375-8

Patents:

Published: Smart bangle for detecting the reason of infant's weeping, published in The Patent Office Journal No. 21/2021 Dated 21/05/2021, India.

Awards & Recognition

➢ National Level ❖ Outstanding Educator Award-2018-- Name of Awarding Agency/Body -- Green Thinker Society, Chandigarh

➢ University Level ❖ MRSPTU Budding Innovator Award—Category 1: Innovation Awards for filing an IPR by faculty member

Editorial Experience:

➢ Presently serving as lead guest editor of special issue "Machine Learning in Precise and Personalized Diagnosis", which will be published in *Diagnostics*.

Reviewer experience:

Served/serving as reviewer for:

➢ Scientific Reports (Springer Nature)

➢ Multimedia Tools & Applications (Springer Nature)

➢ Chemosphere (ScienceDirect)

➢ Machine Learning and Knowledge Extraction (MDPI)

➢ Diagnostics (MDPI)

➢ Plasma (MDPI)

➢ BioData Mining (BMC-Springer Nature)

➢ Healthcare (MDPI)

➢ Asian Journal of Technology Innovation (Taylor & Francis)

➢ Frontiers in Computational Neuroscience (Frontiers)

➢ Big Data and Cognitive Computing (MDPI)

➢ Knowledge and Information Systems (Springer Nature)

➢ Journal of Big Data (Springer Nature)

➢ Theoretical and Applied Climatology (Springer Nature)

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And many more

Personal Details:

D.O.B	16th January 1978.
Father Name	Late Sh. Shankar Lal
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(MANOJ SHARMA)