**Miss. Tejashree Suresh Phatak**

PhD- Pursuing, University of Mumbai, Vivekanand Education Society's Institute of Technology

M.E. Electronics & Telecommunication, University of Mumbai.

B.E. Electronics & Telecommunications, University of Mumbai

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**Designation :** Assistant Professor in Electronics & Telecommunication Department.

**Experience :** Educational: 6 Months

Industry: 2 years

Research Fellow : 4 Year

**Date of Joining :**18/07/2016

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**Areas of Interest :** Artificial Intelligent and Machine learning

**Publications :**

**International Journals** **: 02**

1. Tejashree S. Phatak, J. Nair, S. Prasanna Ram, and B. J. Roy, ‘Evaluation of Neutron Cross-Section Data Using Gaussian Mixture Model and Digital Filter’, Nuclear Science and Engineering, Taylor & Francis,pp. 1–24., 2023.
2. Tejashree S. Phatak, J. Nair, S. Prasanna Ram, B. J. Roy, and G. Mohanto, Regression analysis of experimental reaction cross-section data of 241Am(n, 2n)240Am,European Physics Journal Web of Conferences, vol. 284, 05 2023.

**International Conferences : 03**

1. Tejashree S. Phatak, J. Nair, S. P. Ram, B. J. Roy and G. Mohanto, ”Non-Linear Unscented Transformation Techniques for Error Estimation of HPGe Detector Efficiency,” 2022 5th International Conference on Advances in Science and Technology (ICAST), Mumbai, India, 2022, pp. 647-653, doi: 10.1109/ICAST55766. 2022.10039524
2. Tejashree S. Phatak, J. Nair, S. Prasanna Ram, B. Roy, and G. Mohanto, Evaluation of Neutron Cross-Section Data of 241Am(n, 2n) 240Am Reaction Using Gaussian Process Concept, 09 2023, pp. 613625.
3. Tejashree S. Phatak and S. D. Sawarkar, "Enhancing QoS of Wireless Sensor Network by detection of faulty sensor node," 2016 International Conference on Computing, Analytics and Security Trends (CAST), Pune, India, 2016, pp. 100-105, doi: 10.1109/CAST.2016.7914948.

**Others:**

* **Nptel swayam course :**

1. Regression Analysis
2. Introduction to machine learning
3. Artificial intelligence: Search method for problem solving.
4. Nptel Workshop: Data visualization with R

* **Workshop on Machine learning and Deep learning**