**NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR**

**Statement of Interest**

**National Institute of Technology Jamshedpur** (**NIT Jamshedpur** or **NITJSR**), is an [Institute of National Importance](https://en.wikipedia.org/wiki/Institute_of_National_Importance) located at [Jamshedpur](https://en.wikipedia.org/wiki/Jamshedpur), [Jharkhand](https://en.wikipedia.org/wiki/Jharkhand), India established by Government of India in 1960. The has secure 86 rank among all engineering Institute in India under [National Institutional Ranking Framework](https://en.wikipedia.org/wiki/National_Institutional_Ranking_Framework) (NIRF) in 2021.

 The Institute has 12 departments including Engineering, Science and Humanities. The Institute, with 200 faculty, 4000 students, 150 administrative and supporting staff, is a self-contained campus. All departments have state of arts laboratories. The Institute offers B.Tech, M.Tech and PhD courses in different departments. The Institute has very good research environment and approximately 258 SCI indexed papers have been published in 2021. The courses have been completely restructured and prepared as per the needs of society and industries. The institute has achieved impressive placement for its students, with top industrial houses and software companies recruiting the students in large numbers.

We are working in the field of Image Processing, Biometrics, Medical Imaging System along with Artificial Intelligence, Machine Learning. We are working to make the current technology useful for human beings by analysing their behaviour. We have worked on detection and classification of Cancers tissues from Medical Images using Deep Learning. The collaborative research work is going with Technical University of Crete (TUC) with the team of Prof. Michalis Zervakis on Medical Imaging.

It will be a great opportunity for both the University to explore the research and teaching facilities available with each Institute.

Websites of the Institute: [www.nitjsr.ac.in](http://www.nitjsr.ac.in)

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